

SEPTEMBER 1990
VOL. 43 NO. 9

ISSN 0027-0296

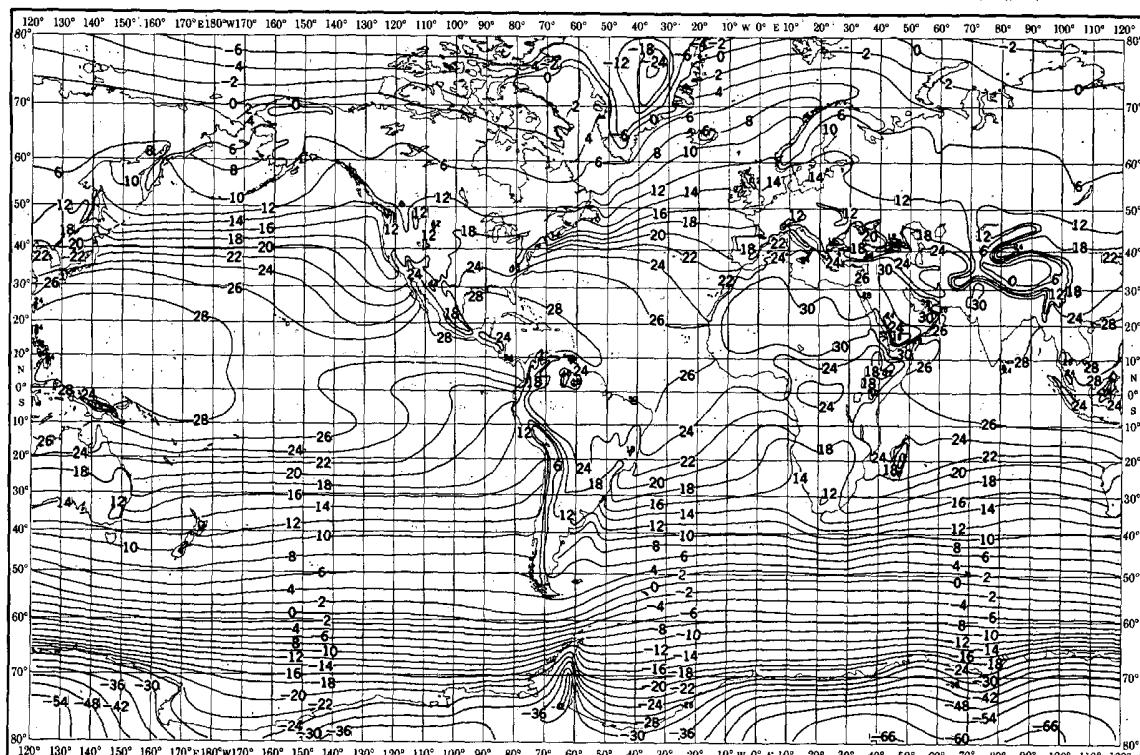


MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE
WORLD METEOROLOGICAL ORGANIZATION

SEPTEMBER

SURFACE AIR TEMPERATURE (°C) - MEANS



Explanation on back cover

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND
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28801

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noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE NATIONAL CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

PREFACE

Monthly Climatic Data for the World (MCDW) is a publication of monthly summary climatic data from around the world. Data are prepared by Members of the World Meteorological Organization (WMO) for selected stations and exchanged monthly via international telecommunications under provisions of the WMO Technical Regulations, WMO Publications No. 306 (Manual on Codes) and No. 386 (Manual on the Global Telecommunications System). Data used in MCDW are translated from CLIMAT, CLIMAT SHIP, CLIMAT TEMP and CLIMAT TEMP SHIP codes. WMO No. 9 (Weather Reporting), Vol. A - Stations indicates stations that report in these codes. MCDW is sponsored by the WMO in accordance with Resolution 27 of the Second World Meteorological Congress, 1955. Percent of average sunshine was authorized during the Fourth Session (Stockholm 1965) of the WMO Commission for Climatology and recorded in the General Summary of the Report - WMO NO.177.RP.65. It is published by the United States National Oceanic and Atmospheric Administration.

REFERENCE NOTES

Names of countries (areas) and stations are those used in WMO Publication No. 9, Vol. A - Stations, except that long names may be shortened. Only those stations authorized as contributors by the WMO in VOLUME A are published. "Means" and "totals" mentioned below are monthly summary means and totals. Units abbreviations: celsius = C, degrees = °, geopotential meters = gpm, meters = m, millibars (hectopascals) = mb, millimeters = mm, minutes = ', percent = %.

The long term surface data AVERAGES required for these tables were calculated for 1951 - 1980 from data received at the National Climatic Data Center during those years. Six years of data were considered to be the minimum for calculations.

Departures are differences between data and the AVERAGES for that month. Precipitation departure of "I" or "-I" indicates a difference less than 0.5 mm from AVERAGE.

Provisional upper air normals, although not published in this bulletin, can be obtained from WMO Pub. No. 170. A description of procedures used by Members appeared in Monthly Climatic Data for the World, 1967 Supplement -- computation of CLIMAT TEMP values.

Late reports and corrections are published when received, except that data more than five years old are not published. The Corrections sections include corrections to past data. In these, "D" indicates the data should be deleted. Some late reports of pre-1987 data appeared in the Corrections sections during the 1987 Data Year.

The data received by the publisher often contain errors. A reasonable effort is made to correct errors; but some may appear in the publication, especially if the errors are subtle or were part of a large group of errors.

The station list appears at the back of the publication. In January and July, all CLIMAT (C) and CLIMAT TEMP (IT) stations from WMO Pub. No. 9, Vol. A are listed. This is the complete published station set. In other months, the list contains only those stations from which data no more than two months old have been recently received.

Included in this publication, on an interim basis, are a group of Antarctic and USA stations that are not in WMO No. 9. These stations will be sponsored as CLIMATE and/or CLIMAT TEMP stations in the near future.

SURFACE DATA TABLES

DAYS OBS.: The number of days on which observations were taken. Column will be blank if days are not reported.
PRESSURE: Mean station pressure at station level and sea level in tenths of mb. In the sea level pressure column, Y or Z indicates the number is the mean height in gpm of the 850 mb or 700 mb pressure surface, respectively.
TEMPERATURE: Mean temperature and departure from AVERAGE value in degrees C. "S" indicates sea surface temperature.
DAYS 1 MM: The number of days on which precipitation was 1 mm or more.
PRECIPITATION: Total precipitation and departure from AVERAGE in mm. "I" indicates an amount less than 0.5 mm.
QUINTILE: Frequency group of precipitation totals. Group numbers are 0 - 6. Groups 0 and 6 are for totals less than and greater than any recorded in the 1951 - 1980 reference period.
% OF AV.: Sunshine total hours expressed as a percentage of long-term average. Currently, average period is 1931-60.

In January 1987, the "Sunshine" column was changed to include both total sunshine in hours and the percentage of long-term average.

UPPER AIR DATA TABLES

HEIGHT: Mean height of pressure surfaces in gpm. Asterisk (*) indicates station elevation.
VECTOR WIND: Direction of mean vector wind in degrees, speed in mps. A wind speed value of 0 is a speed < 0.5 mps. When missing days equals 9, nine or more days of wind data are missing.
STEADINESS: Ratio of mean vector wind speed to mean scalar wind speed.
OB: Observation time code: 1 = 0000 GMT, 2 = 1200 GMT, 3 = 0000 and 1200 GMT, / = other hours.

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Monthly Climatic Data for the World (ISSN-0027-0296) is published monthly by the National Climatic Data Center, National Environmental Satellite, Data, and Information Service, NOAA, Asheville, North Carolina, U. S. A.

SUBSCRIPTION, PRICE, AND ORDERING INFORMATION IS AVAILABLE FROM THE

NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
ASHEVILLE, NORTH CAROLINA, USA 28801-2696

EUROPE-NORWAY

SURFACE

SEPTEMBER 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE				
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL	% OF AV.		
EUROPE																		
NORWAY																		
01001 JAN MAYEN	7056N	00840W	9		1003.0	1004.2	4.8	1.7	7.9	1.8	15	84	-2	3				
01008 SVALBARD LUFTHAVN	7815N	01528E	29		1008.0	1011.5	5.2	6.7			9	34						
01025 TROMSO/LANGNES	6941N	01855E	10		1010.1	1011.2	8.1	1.0	8.4	0.6	6	21	-85	0	217			
01028 BJORNØYA	7431N	01901E	14		1010.2	1011.9	6.6	3.9	9.0	2.6	1	10	-37	0				
01098 VARDO	7022N	03106E	15		1012.3	1014.0	7.6	1.1	9.6	1.3	9	47	-8	2				
01152 BODO VI	6716N	01422E	13		1008.2	1009.7	9.7	0.7	8.4	0.1	10	60	-59	1	145			
01241 ORLAND III	6342N	00936E	7		1007.4	1008.5	10.2	0.1	10.6	0.7	12	80	-45	1				
01317 BERGEN/FLORIDA	6023N	00520E	36		1005.1	1009.4	10.6		10.2		18	310		4				
01384 OSLO/GARDERMOEN	6012N	01105E	204		985.0	1009.4	8.9	-0.5	8.6	-0.3	5	55	-37	1				
01415 STAVANGER/SOLA	5853N	00538E	9		1009.0	1010.0	10.6	-1.3	10.4	-0.1	16	212	66	5				
SWEDEN																		
02080 KARESUANDO	6827N	02230E	327		974.7	1014.3	5.9	0.8	7.4	0.1	3	9	-36	1				
02128 GUNNARN	6501N	01741E	281		978.6	1012.6	6.9		8.3		9	41		3				
02196 HAPARANDA	6550N	02409E	6		1012.5	1013.3	7.6	-0.5	8.2	-0.8	5	18	-48	1				
02226 OSTERSUND/FROSON	6311N	01430E	366		966.7	1011.0	7.4	-0.9	8.0	-0.5	13	75	24	5				
02361 HARNOSAND	6238N	01757E	8	30	1009.3	1010.6	9.7	-0.4	9.7	-0.1	11	83	17	4	57			
02418 KARLSTAD FLYGPLATS	5922N	01328E	55		1002.7	1009.4	10.3	-1.0	10.5	0.0	11	93	28	5				
02464 STOCKHOLM/BROMMA	5921N	01757E	11		1007.4	1008.8	10.1	-1.9	10.9	0.2	14	125	72	6				
02512 GOTEBORG/SAVE	5747N	01153E	53		1003.2	1009.7	11.2	-1.7	10.3	-0.9	12	97	17	4				
02550 JONKOPING FLYGPLATS	5746N	01405E	232		981.6	1009.5	9.0	-2.2	10.1	-0.6	17	108	45	5				
02590 VISBY FLYGPLATS	5740N	01821E	47		1002.8	1008.5	11.1	-1.4	11.5	0.2	14	111	58	6	42			
FINLAND																		
02801 KILPISJARVI	6903N	02047E	476		955.0	1013.2	5.5		7.1		2	13		1				
02805 KEVO	6945N	02702E	101		1002.1	1014.5	5.5		7.1		1	5		0				
02836 SODANKYLA	6722N	02639E	179		992.7	1014.8	5.0	-0.8	7.2	-0.5	3	6	-55	0				
02869 KUUSAMO	6558N	02911E	263		982.4	1014.7	4.8	-1.4	7.4		1	9	-54	0				
02875 OULU	6456N	02522E	15		1011.4	1013.3	7.5	-1.1	8.1		3	9	-49	0				
02897 KAJAANI	6417N	02741E	136		996.9	1013.6	6.4	-1.4	8.3	-0.5	2	11	-54	0				
02911 VAASA	6303N	02146E	4		1009.7	1010.8	8.5	-0.8	9.3	-0.4	8	25	-37	1				
02929 JOENSUU	6240N	02938E	117		997.6	1012.0	7.1	-1.9	7.8		7	19	-50	0				
02935 JYVASKYLA	6224N	02541E	145		993.8	1011.5	6.7	-1.7	8.5	-0.7	11	44	-20	2				
02942 NIINISALO	6151N	02228E	136		994.1	1010.6	7.6		8.7		9	32		1				
02958 LAPPEENRANTA	6105N	02809E	106		997.4	1010.4	8.0	-1.9	8.7		6	46	-20	2				
02963 JOKIOINEN	6049N	02330E	103		997.4	1009.9	8.0	-1.3	9.4	-0.6	14	62	5	4				
02972 TURKU	6031N	02216E	59		1002.4	1009.5	8.9	-1.5	9.2	-1.2	14	77	14	4				
02974 HELSINKI-VANTAA	6019N	02458E	56		1002.7	1009.6	8.7	-1.8	9.2	-1.0	13	81	12	4				
UNITED KINGDOM																		
03005 LERWICK	6008N	00111W	84		999.5	1009.4	9.9	-0.4	10.7	-0.2	19	126	17	4	116	110		
03026 STORNOWAY	5813N	00619W	13		1010.8	1012.6	10.7	-0.5	10.8	-1.0	18	121	20	4	97	87		
03091 ABERDEEN/DYCE	5712N	00213W	65		1005.0	1012.8	11.4	-0.3	10.8	-0.5	14	63	-2	3	113	88		
03100 TIREE	5630N	00653W	12		1013.9	1015.0	11.5	-0.9	11.3	-1.0	16	135	12	3	107	85		
03160 EDINBURGH AIRPORT	5557N	00321W	41		1010.2	1014.5	11.7	-0.7	10.9	-0.7	8	32	-26	2	111	90		
03162 ESKDALEMUIR	5519N	00312W	242		986.3	1015.5	9.9	-1.0	10.4	-0.8	11	84	-58	1	92	92		
03257 LEEMING	5418N	00132W	40		1011.9	1015.8	13.0	0.0	10.6	-1.3	7	32	-20	3	123			
03302 VALLEY	5315N	00432W	11		1016.6	1018.0	13.5	-0.5	11.8	-0.9	9	47	-35	1	162	115		
03334 MANCHESTER AIRPORT	5321N	00216W	78		1007.9	1017.1	12.5	-1.1	11.2	-1.0	12	68	-8	3	130	112		
03377 WADDINGTON	5310N	00031W	70		1008.1	1016.7	13.5	-0.1	10.7	-1.7	9	36	-11	3	140	99		
03534 BIRMINGHAM/AIRPORT	5227N	00144W	99		1006.0	1017.9	13.4	0.2	10.5	-1.5	5	39	-17	3	144	115		
03715 CARDIFF-WALES AIRPORT	5124N	00321W	67		1011.0	1018.8	13.5	-0.5	11.9	-1.0	9	78	3	3	200			
03776 LONDON/GATWICK AIRPORT	5109N	00011W	62		1011.2	1018.2	13.5	-0.2	11.2	-1.8	7	42	-33	2	175			
03827 PLYMOUTH/MOUNT BATTEN	5021N	00407W	27		1015.9	1019.3	14.3	0.0	12.7	-1.1	8	66	-17	2	203	134		
03862 BOURNEMOUTH AIRPORT	5047N	00150W	11		1017.4	1018.8	13.3	-0.5	11.4	-1.5	6	37	-38	2	184			
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81		1008.9	1017.2	12.1	-0.5	11.4	-0.9	9	37	-44	1	119	111		
IRELAND																		
03953 VALENTIA OBSERVATORY	5156N	01015W	14		1018.4	1020.1	13.3	-0.4	12.9	-0.5	8	28	-100	0	138	120		
03955 CORK AIRPORT	5151N	00829W	162		1000.3	1019.9	12.9	0.2	12.1	-0.7	5	39	-58	1	169			
03962 SHANNON AIRPORT	5242N	00855W	20	30	1017.4	1019.8	13.5	-0.2	12.2	-0.8	7	26	-64	1	134	115		
03969 DUBLIN AIRPORT	5326N	00615W	85		1007.8	1008.1	12.8	-0.3	11.4	-1.0	4	16	-57	1	141	115		
03976 BELMULLET	5414N	01000W	10		1017.4	1018.6	12.4	-0.5	11.9	-0.9	13	54	-55	1	91	75		
03980 MALIN HEAD	5522N	00720W	25	30	1013.3	1016.3	12.5	-0.5	11.7	-0.6	13	67	-35	2		78		

EUROPE-IRELAND

EUROPE-ICELAND

SURFACE

SEPTEMBER 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE	QUINTILE	
EUROPE															
ICELAND	0°	0°	0'	3	mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	
04018 KEFLAVIK	6358N	02236W	54	30	999.4	1006.0	-6.7	-1.1	8.1	-0.9	16	129	31	4	
04030 REYKJAVIK	6408N	02154W	61		998.5	1006.0	6.6	-1.4	8.0	-0.7	17	119	52	5	
04063 AKUREYRI	6541N	01805W	27		1001.9	1005.3	6.3	-0.6	7.2	-0.7	9	35	0	3	
04082 HJARDARNES	6415N	01511W	12		1003.7	1004.9	7.0	-0.7	8.0	-0.4	13	64	-61	1	
DENMARK (GREENLAND)															
04209 UPERNAVIK AWS	7247N	05610W	61	30	999.9	1007.7	-0.2	-1.2	4.4						
04220 EGEDESMINDE	6842N	05245W	47	30	1001.2	1007.1	2.0	-0.5	5.8	0.0	6	38	1	4	
04250 GOOTHAB	6410N	05145W	48	30	1003.7	1007.1	3.2	-0.7	6.7	0.1	16	83	-10	3	
04312 NORD ADS	8136N	01640W	34	30	1005.1	1009.7	-6.1	3.4	3.4						
04320 DANMARKSHAVN	7646N	01840W	12	30	1007.0	1008.6	-2.2	2.2	3.8	0.5	6	42	29	5	
04340 KAP TOBIN	7025N	02158W	42	30	1002.8	1008.0	0.3	0.8	5.2	1.0	10	87	41	5	
04360 ANGMAGSSALIK	6536N	03738W	52	30	1001.5	1006.0	2.0	-1.5	4.9	-1.0	10	62	-25	2	
04390 PRINS CHRISTIAN SUND	6002N	04307W	76	30		1007.6									
DENMARK & FAROE IS.															
06011 THORSHAVN	6201N	00646W	39	30	1004.1	1007.0	9.4	0.1	10.3	0.1	20	190	52	5	
06030 ALBORG	5706N	00952E	3	30	1009.4	1009.8	11.7	-0.8	10.8	-1.2	14	65	0	4	
06186 KOBENHAVN/LANDBOHOJSKOLEN	5541N	01233E	9	30	1009.5	1010.1	12.8	-0.9	11.5	-1.2	15	119	56	5	
06190 RONNE	5504N	01445E	16	30	1008.6	1010.5	13.2	-0.6			12	58	-2	3	
NETHERLANDS															
06260 DE BILT	5206N	00511E	4		1015.7	1016.2	13.1	-0.9	12.4	-0.9	14	80	14	4	
BELGIUM															
06447 UCCLE	5048N	00421E	104	30	1005.1	1017.2	13.0	-1.5	12.5	-1.0	12	57	-8	3	
LUXEMBOURG															
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	379	30	973.6	1018.4	12.1	-1.8	10.7	-2.1	9	71	10	4	
SWITZERLAND LIECHTENSTEIN															
06660 ZURICH (TOWN/VILLE)	4723N	00834E	569	30	953.0	1019.2	13.4	-0.5	11.5	-0.9	10	128	38	5	
06680 SAENTIS	4715N	00921E	2500	30	753.1		1.7	-1.6	5.8	-0.2	15	257	82	5	
06700 GENEVE-COINTRIN	4615N	00608E	416	30	970.3	1018.8	15.3	0.4	11.5	-0.8	6	58	-32	3	
06770 LUGANO	4600N	00858E	276	30	984.0	1016.1	17.9	0.5	13.3	-2.0	2	91	-71	2	
SPAIN															
08001 LA CORUNA	4322N	00825W	67		1009.8	1017.5	19.4	1.6	16.9	0.9	6	44	-21	2	
08141 VALLADOLID	4139N	00446W	735		932.7	1015.7	20.8	3.2	12.8	2.1	3	27	-3	3	
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258		987.3		23.5	3.1	13.4				55	28	5
08181 BARCELONA/AEROPUERTO	4117N	00204E	6		1014.4	1015.2	21.8		19.9				18	138	1
08222 MADRID	4025N	00341W	667		942.5	1016.9	22.1	2.3	14.1	1.9	4	40	7	4	
08306 PALMA DE MALLORCA/SON SAN J.	3933N	00244E	8		1016.2	1017.1	24.1	2.6	25.0				4	16	-93
08359 ALICANTE	3822N	00030W	82		1007.8	1017.2	25.6	2.1	22.4	3.7	2	30	-10	4	
08390 SEVILLA/TABLADA	3722N	00600W	14		1013.3	1015.0	26.1	2.2	19.7	3.1	1	2	-16	2	
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1012.8	1015.2	27.0		25.0		2	11	4	233	
GIBRALTAR															
08495 GIBRALTAR	3609N	00521W	5		1016.3	1016.7	24.7	2.3	22.3	2.9	1	5	-10	4	
PORTUGAL															
08506 HORTA (ACORES)	3831N	02838W	62		1014.4	1021.7	21.6		19.8			5	19	1	
08513 PONTA DELGADA (ACORES)	3745N	02540W	36	30	1015.9	1020.2	21.5	0.5	19.0	-0.4	9	65	-16	2	
08515 SANTA MARIA (ACORES)	3658N	02510W	100		1007.9	1019.8	21.5	0.3	18.8	0.3	8	65	13	4	
08535 LISBOA	3843N	00909W	95		1007.3	1018.3	22.1		12.9			3	17	3	
08546 PORTO/SERRA DO PILAR	4108N	00836W	100		1005.3	1017.0	19.9		17.5			5	45	3	
GERMANY, FEDERAL REPUBLIC OF															
10035 SCHLESWIG	5432N	00933E	48		1006.3	1012.1	12.2	-0.8	12.4	0.0	15	159	72	5	
10147 HAMBURG-FUHLSBUETTEL	5338N	01000E	16		1011.0	1012.9	12.6	-0.8	12.0	-0.4	17	125	57	5	
10203 EMDEN-HAFEN	5321N	00712E	12		1012.6	1014.1	12.9	-1.0	12.8	-0.1	18	116	50	5	
10338 HANNOVER	5228N	00942E	54		1008.2	1014.7	12.2	-1.3	12.1	-0.6	20	114	66	5	
10384 BERLIN-TEMPELHOF	5228N	01324E	49		1007.7	1013.4	13.0	-1.5	11.4	-0.6	15	47	-3	117	
10410 ESSEN	5124N	00658E	161		997.4	1016.7	12.4	-2.0	12.2	-0.5	18	80	8	4	
10438 KASSEL	5118N	00927E	233		988.3	1016.1	11.8	-2.2	11.2	-1.0	16	83	32	5	

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE				
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm				
EUROPE																	
GERMANY, FEDERAL REPUBLIC OF																	
10628 GEISENHEIM	4959N	00757E	120	1002.7	1017.1	13.0	-1.6	11.7	-0.8	10	45	6	4	120	74		
10739 STUTTGART/SCHNARRENNBERG	4850N	00912E	311	981.0	1017.8	13.6	-0.9	11.0	-1.5	10	54	2	4	133			
10763 NUERNBERG	4930N	01105E	312	980.5	1017.5	12.5	-1.2	10.7	-1.2	10	75	27	5	145	83		
10866 MUENCHEN-RIEM	4808N	01142E	529	956.1	1017.9	12.3	-1.2	10.8	-1.1	11	123	50	5	135	55		
10929 KONSTANZ	4741N	00911E	447	965.7	1018.0	13.5		11.7		12	71	3	169	100			
10961 ZUGSPITZE	4725N	01059E	2962	710.3	3078	Z	-1.8	-2.2	4.9	-0.1	19	148	39	5	133	75	
AUSTRIA																	
11028 ST. POELTEN	4812N	01537E	282	982.5	1017.1	12.8	-1.4	11.7	-0.7	12	70	20	5	120	70		
11035 WIEN/HOHE WARTE	4815N	01622E	209	991.0	1016.5	13.8	-1.4	12.3	-0.2	12	69	32	5	124	62		
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	598	946.2	1017.5	12.8	-1.4	10.2	-1.6	13	70	-10	2	152	.85		
11146 SONNBLICK	4703N	01257E	3107	696.8	3069	Z	-2.2	-1.6	4.7	-0.5	16	122	8	4	140	87	
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450	964.2	1017.5	12.7	-1.3	11.2	-1.4	16	157	71	5	123	68		
11155 FEUERKOGEL	4749N	01344E	1621	841.3	1509	Y	5.6		7.7		18	248	4	105	.60		
11212 VILLACHERALPE	4636N	01340E	2160	786.6	1519	Y	4.3		7.1		8	139	4	154	.85		
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	452	961.5	1016.9	12.2	-1.6	11.7	-0.9	6	74	-16	3	170	93		
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347	974.5	1016.9	12.9	-1.1	12.2	-0.8	7	67	-11	3	164	87		
CZECHOSLOVAKIA																	
11406 CHEB	5005N	01224E	471	961.3	1016.9	10.8	-1.6	10.0	-0.8	13	44	-5	3	103	62		
11518 PRAHA/RUZYNE	5006N	01417E	369	972.4	1016.1	11.4	-1.9	9.9	-1.5	12	32	-8	2	128	70		
11520 PRAHA-LIBUS	5000N	01427E	304	980.0	1016.1	12.0	-1.2	10.8	-0.7	12	48	-3	4	112			
11723 BRNO/TURANY	4909N	01642E	246	987.4	1016.7	12.3	-1.9	10.3	-1.3	10	58	23	5	118	.61		
11782 OSTRAVA/MOSNOV	4941N	01807E	256	985.4	1015.9	11.9	-1.5	11.0	-0.8	14	114	59	5	86	.49		
11903 SLIAC	4838N	01909E	318	978.0	1016.2	11.4	-1.8	11.1	-0.7	9	111	60	5	130	.67		
11934 POPRAD/TATRY	4904N	02015E	707	932.3		9.4	-1.8	8.5	-1.7	11	93	50	5	134	.64		
POLAND																	
12120 LEBA	5445N	01732E	2	1009.6	1009.9	12.2		11.7		23	198						
12160 ELBLAG	5410N	01926E	43	1005.3	1010.5	11.5		11.6		21	147						
12205 SZCZECIN	5324N	01437E	3	1011.4	1012.2	12.2	-1.3	11.5	-1.1	15	64	16	5				
12295 BIALYSTOK	5306N	02310E	151	992.4	1010.6	10.3	-1.9	11.2	-0.3	17	121	70	5				
12330 POZNAN	5225N	01650E	.92	1002.7	1012.9	11.4	-2.1	11.0	-0.9	20	60	15	4				
12375 WARSZAWA-OKECIE	5210N	02058E	107	999.4	1012.3	11.1	-2.1	11.1	-0.7	15	77	36	5				
12424 WROCŁAW II	5106N	01653E	121	1000.0	1014.6	12.1	-1.5	11.0	-1.4	12	47	2	4				
12695 PRZEMYSŁ	4948N	02246E	280	981.0	1014.6	11.4	-2.2	10.9	-1.4	12	77	21	5				
HUNGARY																	
12772 MISKOLC	4805N	02046E	2327	987.3	1014.9	13.7	-1.5	10.5	-2.4	8	47	6	4	153	77		
12840 BUDAPEST-METEOROLOGIA	4731N	01902E	129	1000.7	1016.1	15.2	-1.7	11.2	-1.3	5	60	19	4	187	.88		
12843 BUDAPEST/LORINC	4726N	01911E	139	999.1	1015.8	14.8	-1.5	10.6	-2.2	10	74	37	5	194	.92		
12882 DEBRECEN	4729N	02138E	112	1001.6	1015.6	13.8	-2.0	10.8	-2.2	6	50	13	5	186	.85		
12942 PECS	4600N	01814E	203	992.7	1016.8	14.6	-1.9	10.9	-1.9	12	67	19	4	185	.90		
12982 SZEGED	4615N	02006E	83	1006.6	1015.4	14.1	-2.2	10.4	-2.8	9	41	7	4	180	.80		
YUGOSLAVIA																	
13129 ZAGREB/GRIC	4549N	01559E	162	997.4	1016.6	16.0	-0.8	13.1	-0.7	10	105	23	4		.88		
13274 BEograd	4448N	02028E	132	1000.9	1015.6	16.1	-1.4	11.6	-2.0	9	32	-22	2		.83		
13334 SPLIT/MARJAN	4331N	01626E	128	1000.8	1015.8	20.2	-1.1	13.7	-0.8	4	35	-27	2		.96		
13354 SARAJEVO	4352N	01826E	637	943.9	1017.4	13.7	-1.4	9.8	-2.2	12	68	-8	3		.89		
13462 TITOGRAD/GOLUBOVCI	4222N	01915E	33	1009.7	1015.6	20.3	-1.0	14.6	0.8	7	51	-67	1	218	.90		
13586 SKOPJE-PETROVAC	4158N	02139E	239	30	988.5	1016.6	17.8	-0.6	10.7	-2.7	4	12	-27	1			
ROMANIA																	
15085 BISTRITA	4709N	02431E	367	972.7	1016.4	11.3	-2.3	11.3	-1.1	14	49	4	4	140			
15090 IASI	4710N	02738E	104	1002.1	1014.4	15.1	-0.6	11.4	-1.7	5	14	-32	1	205	.05		
15120 CLUJ-NAPOCA	4647N	02334E	413	967.1	1015.8	12.0	-2.3	10.4	-1.8	8	34	1	3	152	.70		
15247 TIMISOARA	4546N	02115E	88	1006.7	1017.2	14.0	-2.5	11.3	-2.6	11	32	-6	3	195	.90		
15260 SIBIU	4548N	02409E	444	964.2	1016.6	12.3	-2.2	11.9	-0.7	11	43	-7	3		.67		
15360 SULINA	4509N	02940E	9	1013.2	1014.3	17.2	-1.0	15.2	-1.9	7	44	8	4	209	.85		
BULGARIA																	
15511 LOM	4349N	02315E	33	1012.2	1016.1	16.9	-1.1	12.7		7	21	-9	3	222	100		
15552 VARNA	4312N	02755E	43	1010.4	1015.3	17.1	-1.5	15.0		8	54	34	6	205	.90		
15614 SOFIA (OBSERV.)	4239N	02323E	595	947.8	1016.3	14.9	-1.1	11.0		10	45	1	4	228	100		

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	TOTAL	% OF AV.
EUROPE															
BULGARIA															
15655 BURGAS	4229N	02729E	28	mb	1012.2	1015.5	18.1	-0.9	14.8		7	48	12 3	249	105
ITALY															
16045 UDINE/RIVOLTO	4559N	01302E	53	mb	1010.0	1016.4	17.4	-0.7	15.0	-0.4	9	61	-65 2	134	
16090 VERONA/VILLAFRANCA	4523N	01052E	68	mb	1008.1	1016.1	17.9	-0.6	16.7	0.2	4	63	-2 3		
16110 TRIESTE	4539N	01345E	20	mb	1013.5	1015.9	19.1	-0.5	14.5	-0.1	8	120	10 4	150	70
16158 PISA/S. GIUSTO	4341N	01023E	1	mb	1015.1	1015.9	20.3	1.0	17.3	1.0	5	148	62 4	216	95
16191 FALCONARA	4337N	01322E	10	mb	1013.9	1015.7	20.7		16.4		10	35		200	100
16230 PESCARA	4226N	01412E	11	mb	1013.8	1015.0	19.1	-0.4	15.3	-2.3	3	13	-53 0	221	100
16320 BRINDISI	4039N	01757E	10	mb	1014.0	1015.2	22.5	0.7	19.3	-0.7	2	14	-36 2	260	100
16325 MARINA DI GINOSA	4026N	01653E	12	mb	1013.2	1014.6	22.1	0.7	20.1	1.6	2	7	-31 1		
16420 MESSINA	3812N	01533E	51	mb	1001.0	1001.6	24.9	1.5	22.1	2.1	4	23	-33 2	248	100
16429 TRAPANI/BIRGI	3755N	01230E	14	mb	1015.5	1016.6	24.3	1.6	24.1	3.2	2	147	102 5	245	90
16560 CAGLIARI/ELMAS	3915N	00903E	18	mb	1015.5	1016.1	23.9	2.2	24.0	4.9	0	T	-26 1	263	105
MALTA															
16597 LUQA	3551N	01429E	91 30	mb	1008.5	1016.9	25.9	1.9	23.0	1.5	0	0	-42 1	273	99
GREECE															
16622 THESSALONIKI/MIKRA	4031N	02258E	4	mb	1015.1	1015.7	21.7	-0.2	14.8	-0.9	2	10	-22 2	246	90
16641 KERKYRA	3937N	01955E	4	mb	1014.6	1015.1	22.2	-0.4	20.0	1.5	4	24	-65 2	253	90
16648 LARISSA	3938N	02225E	74	mb	1006.4	1015.0	21.6	-0.5	13.6	-1.2	3	7	-31 2	269	120
16714 ATHINAI/OBSERVATORY	3758N	02343E	107	mb	1002.5	1014.9	23.0	-0.3	16.4	0.7	1	2	-14 2	283	105
16716 ATHENS(HELLINIKON)	3754N	02344E	15	mb	1012.8	1014.6	24.1	-0.3	16.6		1	5	-9 3	266	95
16726 KALAMATA	3704N	02201E	8	mb	1013.4	1014.4	23.0	-0.6	18.7	0.6	3	26	-5 3	271	90
16746 SOUDA	3529N	02407E	151	mb	996.9	1014.5	23.0		18.1		1	25		4 302	100
16754 HERAKLION	3520N	02511E	39	mb	1009.6	1014.2	23.0	-0.5	17.3	-0.4	2	33	15 5	287	95
TURKEY															
17030 SAMSUN	4117N	03620E	4	mb	1014.6	1015.0	19.0	-0.6	17.4	0.1	9	41	-18 2		
17050 EDIRNE	4140N	02634E	48	mb	1009.3	1015.4	18.6	-0.9	12.9	-0.7	5	56	20 4		
17062 ISTANBUL/GOZTEPE	4058N	02905E	40	mb	1011.1	1014.9	18.9	-0.7	16.8	0.5	7	53	8 4		63
17074 KASTAMONU	4122N	03346E	799	mb	923.6	1014.5	14.5	-0.7	10.5	-0.8	6	44	14 4		58
17090 SIVAS	3945N	03701E	1285	mb	871.9	1012.7	15.6	0.0	9.8	0.7	5	18	1 4		79
17092 ERZINCAN	3944N	03930E	1215	mb	877.6	1010.1	18.3	-0.5	10.2	0.5	3	10	-4 3		64
17112 CANAKKALE	4008N	02624E	3	mb	1014.6	1015.2	19.5	-0.9	17.8	1.2	3	19	-10 3		70
17116 BURSA	4011N	02904E	100	mb	1003.6	1015.4	18.5	-0.6	14.5	-0.5	5	57	20 5		62
17130 ANKARA/CENTRAL	3957N	03253E	894	mb	913.4	1013.8	17.3	-0.9	10.5	0.7	3	49	28 5		72
17190 AFYON	3845N	03032E	1034	mb	898.7	1013.5	17.0	-0.1	10.3	0.4	2	27	5 4		69
17220 IZMIR	3826N	02710E	25	mb	1010.3	1013.2	23.1	-0.1	16.1	-0.3	3	8	-4 3		81
17240 ISPARTA	3745N	03033E	997	mb	901.8	1012.3	18.1	-0.3	11.2	1.0	2	6	-11 2		
17270 URFA	3708N	03846E	547	mb	946.4	1006.7	26.6	0.1	13.1	2.4	0	0	-1 0		82
17280 DIYARBAKIR	3753N	04011E	677	mb	933.2	1008.9	24.2	-0.9	8.5	-2.6	0	0	-3 0		77
17292 MUGLA	3712N	02821E	646	mb	940.2	1013.0	20.9	-0.5	13.7	2.1	1	5	-13 3		84
17300 ANTALYA	3642N	03044E	57	mb	1004.1	1009.0	23.1	-1.7	18.4	0.4	1	5	-8 3		82
17352 ADANA	3659N	03518E	20	mb	1007.8	1010.1	25.9		18.5		3	16		4	
USSR															
22113 MURMANSK	6858N	03303E	46	mb	1008.7	1015.0	6.3	-0.2	7.5	-0.4	7	46	-6 3	135	185
22165 KANIN NOS	6839N	04318E	49	mb	1008.4	1014.5	5.0	-0.6	7.6	-0.5	11	29	-15 2	176	45
22550 ARHANGEL'SK	6435N	04030E	13	mb	1012.5	1013.5	5.4	-2.4	7.4	-1.5	6	31	-34 1	164	160
22602 REBOLY	6349N	03049E	181	mb	991.1	1013.3	6.2	-1.5	8.0	-0.8	3	16	-50 0	67	60
22837 VYTEGRA	6101N	03627E	59	mb	1004.8	1012.2	7.1	-2.4	8.7	-1.0	12	35	-42 1	70	55
26038 TALLIN	5925N	02448E	44	mb	1005.1	1009.2	8.9	-2.2	10.0	-0.8	15	70	-1 3	91	25
26063 LENINGRAD (TOWN/VILLE)	5958N	03018E	4	mb	1009.1	1009.8	9.0	-2.0	9.7	-1.0	11	74	15 4	69	55
26629 KAUNAS	5453N	02353E	75	mb	999.4	1008.6	10.4	-1.6	10.8	-0.4	17	112	58 5	101	60
26850 MINSK	5352N	02732E	234	mb	981.8	1009.5	9.8	-1.9	10.4	-0.1	17	156	107 6	58	
27037 VOLOGDA	5917N	03952E	118	mb	994.9	1010.7	7.3	-1.6	9.1	-0.6	18	83	33 5	48	40
27196 KIROV	5839N	04937E	164	mb	991.8	1012.1	8.2	-1.1	9.0	-0.5	15	74	16 4	79	80
27595 KAZAN'	5547N	04911E	64	mb	998.0	1012.4	9.9	-1.2	10.2	1.1	12	81	39 5	127	85
27612 MOSKVA	5545N	03734E	156	mb	991.4	1010.2	9.3	-1.6	10.3	1.4	14	110	47 5		
33345 KIEV	5024N	03027E	179	mb	992.2	1012.1	12.0	-1.7	11.2	-0.6	12	54	6 4		
33393 L'VOV	4949N	02357E	325	mb	975.7	1014.1	10.6	-2.3	10.3	-1.5	14	101	47 5	98	
33837 ODESSA	4629N	03038E	64	mb	1009.2	1014.2	16.3	-0.5	13.2	-0.3	4	65	25 5	221	60
33946 SIMFEROPOL'	4501N	03359E	205	mb	993.6	1015.0	15.9	-0.4	12.2	-0.2	7	45	12 4	239	95

EUROPE-USSR

SURFACE

SEPTEMBER 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	QUINTILE	% OF AV.
EUROPE	0°	0°	■											
USSR														
34122 VORONEZ	5142N	03910E	164		994.2	1012.1	11.0	-1.9	10.9	0.4	13	184	140	6 131 70
34172 SARATOV	5134N	04602E	156		989.4	1013.4	11.2	-1.5	10.6	2.2	14	88	59	6 109 40
34300 HAR'KOV	4956N	03617E	152		994.2	1012.8	12.7	-1.3	11.5	0.3	8	42	5	4 113 60
34731 ROSTOV-NA-DONU	4715N	03949E	77		1005.3	1014.3	15.9	-0.5	12.9	0.8	6	64	30	4 198
34880 ASTRAHAN'	4616N	04802E	18		1014.7	1017.2	18.2	1.0	13.6	1.1	4	15	-5	3 223
37050 PJATIGORSK	4403N	04302E			952.5	1014.4	16.5	1.4	7.6	-4.9	6	54	12	4 195
37549 TBILISI	4141N	04457E	490		967.6	1013.1	21.4	2.2	18.0	3.8	3	20	-25	2 226
ISRAEL														
40180 BEN-GURION INTL AIRPORT	3200N	03454E	49	30	1007.1	1011.8	24.7	-0.1	21.9	1.8	0	0	0	0 318 110
40184 JERUSALEM	3147N	03513E	809	30	927.2	1500	20.6	-1.6	17.4	2.2	0	0	0	0 312 92
40199 EILAT	2933N	03457E	13	30	1007.7	1008.8	30.0	-0.5	15.6	0.5	0	0	0	5 302 104
JORDAN														
40250 H-4 'IRWAISHED'	3230N	03812E	688	30	932.8	1007.5	26.3	0.7	12.6	2.0	0	0	0	0 100
40270 AMMAN AIRPORT	3159N	03559E	768	30	923.1	1009.3	23.1	-0.1	19.1	5.1	0	0	0	0 0
40310 MA'AN	3010N	03547E	1070	30	887.1	1485	23.9	0.3	14.1	3.8	0	0	0	0 103
ASIA														
USSR														
20046 POLAR GMO IM.E.T.KRENKELJA	8037N	05803E	20		1017.4	1020.2	-1.3	1.9	5.3	0.9	4	21	-9	3 37
20069 OSTROV VIZE	7930N	07659E	18		1020.7	1022.0	-2.9	0.3	4.7	0.1	3	34	-11	4 99
20292 GMO IM.E.K. FEDOROVA	7743N	10417E	13		1020.9	1022.8	-2.0	0.7	5.0	0.3	3	10	-13	1 125
20674 OSTROV DIKSON	7330N	08014E	20		1010.9	1016.8	0.7	-0.4	5.9	0.0	3	14	-39	1 130
20891 HATANGA	7159N	10228E	24		1014.1	1018.2	3.0	1.6	5.8	-0.1	1	1	-34	0 170
21432 OSTROV KOTEL'NYJ	7600N	13754E	10		1021.5	1022.5	-0.2	1.5	5.6	0.6	6	6	-12	1 40
21946 COKURDAH	7037N	14753E	48		1011.1	1018.1	0.4	-0.2	5.4	-0.1	7	34	9	4 58
21965 OSTROV CETYREH-STOLBOVOJ	7038N	16224E	6		1009.8	1015.0	0.3	0.9	5.4	0.0	11	30	18	6 50
23146 MYS KAMENNYJ	6828N	07336E			1008.8	1009.8	4.1	-0.3	7.3	-0.1	10	44	-8	2
23205 NAR' JAN-MAR	6739N	05301E	7		1011.4	1012.7	4.1	-1.5	6.9	-1.0	10	46	-9	3 89
23219 HOSEDA-HARD	6705N	05923E	84		1001.2	1011.6	3.2	-1.4	6.7	-0.8	9	49	-10	3 73
23330 SALEHARD	6632N	06632E	35		1008.5	1010.4	4.2	-0.7	7.0	-0.5	13	52	-12	3 74
23472 TURUHANSK	6547N	08757E	32		1006.4	1011.1	5.6	-0.1	6.8	0.1	10	37	-35	1 90
23552 TARKO-SALE	6455N	07749E	27		1000.9	1004.6	4.8	-0.4	7.4	-0.1	5	87	20	4
23724 NJAKSIMVOL'	6226N	06052E	50		1005.1	1011.3	5.6	-1.2	7.6	-0.7	11	80	21	5
23804 SYKTYVKAR	6140N	05051E	96		994.2	1008.7	6.1	-1.7	7.8	-1.1	10	45	-10	2 114
23884 BOR	6136N	09000E	63		1005.0	1012.2	6.5	-0.5	8.1	0.3	13	66	0	3 138
23933 HANTY-MANSIJSK	6058N	06904E	40		1004.6	1010.3	6.2	-1.9	8.0	-1.1	15	96	38	5 105
24105 ESSEJ	6828N	10222E	271		982.9	1016.2	2.9	0.7	6.2	0.1	7	25	-12	3 70
24125 OLENEK	6830N	11226E	127		990.8	1018.1	1.8	-0.7	5.2	-1.1	6	22	-6	2 142
24143 DZARDZAN	6844N	12400E	45		1012.3	1017.2	2.1	-0.9	5.1	-0.8	3	33	-2	3
24266 VERHOJANSK	6733N	13323E	137		1001.6	1018.9	0.4	-1.9	4.6	-0.6	3	6	-11	2 160
24507 TURA	6410N	10004E	186		991.7	1014.5	4.5	-0.3	6.6	0.2	9	46	4	4 57
24641 VILJUJSK	6346N	12137E	107		1002.5	1016.2	4.8	-0.4	5.4	-0.6	5	17	-12	1 165
24688 OJMJKON	6316N	14309E	726		927.6	1017.4	-1.3	-2.9	4.2	-0.8	4	34	14	5 225
24738 SUNTAR	6209N	11739E	124		999.6	1016.1	5.1	-0.2	5.9	-0.3	6	15	-15	2 126
24817 ERBOGACEN	6116N	10801E	291		980.3	1015.8	5.6	0.5	6.5	-0.2	6	27	-8	2 94
24959 JAKUTSK	6205N	12945E	103		1002.5	1015.0	4.4	-1.4	5.7	-0.8	7	41	16	5 194
25173 MYS SMIDTA	6855N	17929W	7		1010.2	1010.6	0.4	0.4	5.7	0.0	11	140	95	5 60
25248 ILIRNEJ	6720N	16814E	426		968.6	1012.1	0.5	-0.4	5.2	0.1	7	48	30	6 38
25325 UST'-OLOJ	6633N	15925E	125		998.7	1014.6	1.6	-1.0	5.6	-0.2	9	39	16	5 45
25399 MYS UELEN	6610N	16950W	7		1005.9	1006.2	3.3	0.3	6.8	-0.2	10	34	-16	2 69
25400 ZYRJANKA	6544N	15054E	43		1012.1	1013.2	1.8	-2.0	5.5	-0.7	12	58	32	5 72
25563 ANADYR'	6447N	17734E	62		999.6	1007.1	3.7	-0.3	6.6	-0.6	7	55	27	5 117
25703 SEJMCAN	6255N	15225E	207		991.1	1017.4	1.1	-2.9	4.9	-1.3	2	13	-20	2 90
25744 KAMENSKOE	6229N	16613E	8		1008.7	1009.9	4.1	-1.2	6.4	-0.9	6	39	-10	3 123
25954 KORF	6021N	16600E	3		1009.9	1010.4	5.8	-1.6	7.0	-1.4	6	46	-2	3 176
28275 TOBOL'SK	5809N	06811E	44		1005.4	1011.4	8.3	-1.0	8.5	-0.6	11	53	12	4 140
28698 OMSK	5456N	07324E	94		999.0	1013.8	10.7	-0.1	8.1	-0.6	5	25	0	3 172
28952 KUSTANAJ	5313N	06337E	171		996.0	1014.7	12.0	0.0	9.1	0.8	5	27	0	3 218
29231 KOLPASEV	5818N	08254E	76		1002.8	1012.2	7.2	-1.5	7.3	-1.4	6	24	-21	1
29263 ENISEJSK	5827N	09209E	78		1004.6	1014.3	7.9	-0.3	8.4	0.2	13	69	18	5 108
29282 BOGUCANY	5825N	09724E	134		999.2	1015.4	7.9	0.1	8.1	0.1	10	37	-1	3 107
29574 KRASNOJARSK	5600N	09253E	194		982.2	1015.5	8.6	-0.3	8.6	0.4	13	41	-1	4

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	TOTAL	% OF AV.	
ASIA															
USSR															
29838 BARNAU	5320N	08342E	196		995.4	1017.8	9.5	-1.7	7.9	-0.9	2	6	-22	1	
29866 MINUSINSK	5342N	09142E	251		986.1	1016.3	9.9	-0.1	9.1	0.4	9	50	11	4	
30230 KIRENSK	5746N	10807E	258		985.4	1016.9	6.5	-0.3	7.4	-0.4	8	27	-14	2	
30309 BRATSK	5604N	10150E	326		966.8	1016.4	8.9	0.9	8.3	0.0	6	76	41	6	
30469 KALAKAN	5507N	11645E	613		942.2	1015.4	4.9	-0.6	6.8	0.4	7	53	6	4	
30554 BOGDARIN	5428N	11335E	995		899.3	1014.6	5.2	1.3	5.8	0.3	8	33	-7	3	
30635 UST'-BARGUZIN	5326N	10859E	457		960.9	1015.9	8.3	-0.7	8.2	-0.1	7	63	26	5	
30673 MOGOCA	5344N	11947E	619		940.0	1014.1	5.8	-0.7	6.8	0.1	7	46	8	4	
30710 IRKUTSK	5216N	10421E	485		961.1	1016.9	8.5	0.0	8.7	0.0	14	50	4	4	
30758 CITA	5201N	11320E	685		936.2	1015.0	7.8	-0.1	7.4	0.3	6	38	2	3	
31004 ALDAN	5837N	12522E	682		934.6	1015.4	4.3	-0.7	5.9	-0.3	11	63	-16	2	
31088 OHOTSK	5922N	14312E	6		1013.3	1014.0	6.7	-1.7	7.5	-1.2	9	110	39	5	
31168 AJAN	5827N	13809E	9		1013.7	1014.8	8.1	-0.9	7.8	-0.8	6	94	-48	3	
31253 BOMNAK	5443N	12856E	357		971.5	1014.3	8.1	0.2	7.8	0.1	9	64	-7	3	
31369 NIKOLAEVSK-NA-AMURE	5309N	14042E	47		1006.4	1014.7	10.5	-0.1	10.2	0.2	12	72	-9	3	
31416 IM POLINY OSIPENKO	5225N	13630E	73		1005.4	1014.1	17.7	7.7	9.1	-0.2	11	110	46	5	
31510 BLAGOVESCIENSK	5016N	12730E	137		997.3	1013.1	11.9	0.0	10.4	0.5	8	121	41	5	
31735 HABAROVSK	4831N	13510E	72		1003.9	1004.7	13.1	-0.2	11.7	0.0	8	77	-20	3	
31960 VLADIVOSTOK	4307N	13154E	138		993.3	1014.9	16.1	0.6	14.7	0.8	4	186	52	4	
32150 JUZNO-SAHALINSK	4655N	14244E	31		1012.8	1015.6	13.5	0.7	12.8	0.8	8	91	-10	3	
32195 SIMUSIR	4651N	15152E	26		1013.9	1017.0	10.1	0.2	11.9	1.1	11	95	-110	1	
32411 ICA	5542N	15538E	4		1012.8	1013.5	7.4	-0.9	9.4	0.2	9	54	-29	2	
32540 PETROPAVLOVSK-KAMCATSKIJ	5258N	15845E	7		1010.3	1013.2	9.4	-0.7	8.6	-0.9	4	21	-96	1	
32618 NIKOL'SKOE (OSTROV BERINGA)	5512N	16559E	6		1009.7	1011.4	8.2	-0.8	9.2	-1.0	11	43	-27	1	
35121 ORENBURG	5145N	05506E	109		1001.3	1015.4	13.1	-0.4	9.7	1.1	5	20	-8	2	
35358 TURGAJ	4938N	06330E	123		1001.1	1016.7	16.6	1.7	0.7	-7.4	1	4	-12	2	
35394 KARAGANDA	4948N	07308E	555		952.6	1017.1	13.1	1.1	7.4	0.8	5	15	-3	3	
35700 GUR'EV	4701N	05151E	-20		1016.9	1014.2	18.7	1.7	10.5	-0.4	1	3	-7	3	
35796 BALHAS	4654N	07500E	423		975.0	1015.8	16.9	1.9	7.8	-0.6	0	7	-6	2	
35925 SAM	4525N	05612E	82		1004.5	1014.9	20.7	2.8	9.2	0.8	0	0	-7	2	
36177 SEMIPALATINSK	5021N	08015E	206		992.9	1016.3	13.4	1.0	8.7	0.8	1	3	-16	1	
36870 ALMA-ATA	4314N	07656E	847		918.8	1013.7	19.0	2.1	8.5	-0.3	1	2	-24	1	
38262 CIMBAJ	4257N	05949E	66		1007.0	1015.1			9.8	-0.2	1	1	-1	3	
38413 TAMDY	4144N	06437E	220		986.2	1012.9	23.8	2.2	6.0	-1.4	0	0	-1	4	
38457 TASKENT	4116N	06916E	428		956.3	1011.5	21.4	1.6	10.4	0.9	0	T	-2	3	
38507 KRASNODVODSK	4002N	05259E	89		1008.9	1018.3	23.6	1.7	16.8	4.9	0	0	-4	0	
38687 CARDZOU	3905N	06336E	193		989.0	1011.3	22.2	0.8	10.2	0.4	0	0	-1	0	
38880 ASHABAD	3758N	05820E	228		985.6	1011.6	25.2	2.0	12.0	1.0	0	0	-6	0	
BAHRAIN															
41150 BAHRAIN MUHARRAQ	2616N	05037E	2	30	1004.8	1005.0	32.1	-0.4	29.3	-2.9	0	0	0	5	
UNITED ARAB EMIRATES															
41216 ABU DHABI BATEEN AIRPORT	2426N	05428E	3	30	1002.8	1003.3	32.9	0.8	32.4	2.8	0	0	0	5	
41217 ABU DHABI INTL AIRPORT	2426N	05439E	27	30	1000.5	1003.3	32.8		32.4	0	0			103	
OMAN															
41256 SEEB, INTERNATIONAL AIRPORT	2335N	05817E	15		1003.2	1004.8	30.5		31.0		0	0			
41268 SUR	2235N	05931E	5		1003.6	1005.1	30.7		28.3		0	0			
41288 MASIRAH	2040N	05854E	19		1003.6	1005.8	26.8		28.2		0	0			
41314 THUMRAIT	1740N	05402E	467		954.7		30.4		21.4		0	0			
41316 SALALAH	1702N	05405E	22		1004.4	1007.1	26.5		28.9	1	2	3			
DEMOCRATIC YEMEN															
41467 ADEN KHORMAKSAR	1250N	04502E	3		1005.5	1005.8	31.2		32.2		0	T			
PAKISTAN															
41530 PESHAWAR	3401N	07135E	360		962.2	1001.5	30.9	2.1	28.4	6.2	4	45	24	5	
41560 PARACHINAR	3352N	07005E	1726		827.4	1490	Y	23.1	1.6	15.7	3.5	6	64	-3	3
41598 JHELUM	3256N	07343E	234		977.2	1003.2	29.4	0.5	30.7	5.9	7	236	151	5	
41620 ZHOB	3121N	06928E	1407		852.0	1451	Y		13.0	0.9	1	27	18	5	
41624 DERA ISMAIL KHAN	3149N	07055E	173		982.9	1002.4	31.1	0.5	29.6	4.5	3	84	65	6	
41640 LAHORE CITY	3133N	07420E	215		979.3	1003.1	29.9	0.3	29.5	4.5	9	185	96	5	
41660 QUETTA AIRPORT	3015N	06653E	1589		837.8	1463	Y	23.7	3.1	9.3	0.1	0	0	0	5
41675 MULTAN	3012N	07126E	123		988.6	1002.3	31.6	0.2	28.2	4.2	2	13	3	5	

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE				
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	1 MM	TOTAL	% OF AV.				
ASIA																		
PAKISTAN																		
41712 DAL BANDIN	2853N	06424E	850	911.8	1470	Y	29.1	1.9	10.0	3.9	0	0	0	0				
41715 JACOBABAD	2818N	06828E	56	995.9	1002.1		32.1	-0.3	29.9	4.0	0	0	-7	3				
41739 PANJGUR	2658N	06406E	981	898.7	1470	Y	28.0	-1.1	18.7	3.8	1	5	3	5				
41756 JIWANI	2504N	06148E	57	998.7	1004.9		28.4	0.4	28.7	1.8	0	0	0	5				
41765 HYDERABAD	2523N	06825E	30	998.7	1007.2		29.8	-1.2	27.5	1.9	3	49	18	5				
41768 CHHOR	2531N	06947E	6	1003.3	1003.9		29.9	-0.2	30.1	4.3	3	93	82	6				
41780 KARACHI AIRPORT	2454N	06708E	22	1002.1	1004.6		28.5	-0.2	29.3	1.7	2	9	-23	4				
BANGLADESH																		
41883 BOGRA	2451N	08922E	20	1002.9	1005.0		29.2		33.3		13	323						
41891 SYLHET	2454N	09153E	35	1002.1	1006.2		27.5		30.3		26	1036						
41923 DHAKA	2346N	09023E	9	1004.3	1005.4		29.2		32.8		22	202						
41936 JESSORE	2311N	08910E	7	1003.8	1004.5		29.2		33.3		23	259						
41978 CHITTAGONG (PATENGA)	2216N	09149E	6	1005.8	1006.3		28.6		31.7									
41992 COX'S BAZAR	2126N	09158E	4	1006.1	1006.5		28.3		30.9									
INDIA																		
42027 SRINAGAR	3405N	07450E	1587	837.9	1460	Y	21.1	0.8	16.5	1.9	4	11	-21	2				
42071 AMRITSAR	3138N	07452E	234	978.1	1003.5		28.5	-0.2	30.9	3.3	9	166	71	4				
42147 MUKTESWAR KUMAON	2928N	07939E	2311	30	774.5	3165	Z	15.7	-0.7	17.1	1.7	13	126	-84				
42165 BIKANER	2800N	07318E	224	30	978.2	1003.3		31.5	0.7	25.7	2.9	1	11	-37				
42182 NEW DELHI/SAFDARJUNG	2835N	07712E	216	979.5	1003.5		29.2	0.0	29.8	4.5	11	269	143	5				
42261 AGRA	2710N	07802E	169	30	983.9	1002.7			32.2	5.4	12	283	159	5				
42314 DIBRUGARH/MOHANBARI	2729N	09501E	111	993.9	1006.5		26.5	-0.9	30.0	-0.5	24	668	372	6				
42339 JODHPUR	2618N	07301E	224	30	979.7	1003.8		28.9	-0.7	28.9	5.2	8	87	21				
42391 DARBHANGA	2610N	08554E	49	999.5	1005.1		27.5	-1.3	33.0	-0.1	7	113	-77	2				
42410 GAUHATI	2606N	09135E	54	999.8	1006.1		28.3	0.1	32.4	1.0	12	204	48	4				
42452 KOTA AERODROME	2509N	07551E	274	30	973.7	1004.1		28.6	-0.5	27.7	4.1	9	97	11				
42475 ALLAHABAD/BAMHRAULI	2527N	08144E	98	30	992.3	1003.2		28.5	-0.5	33.0	2.4	16	255	62	5			
42515 CHERRAPUNJI	2515N	09144E	1313	865.9	1473	Y	20.1	-0.5										
42587 DALTONGANJ	2403N	08404E	221		1003.2		28.7	0.4	31.1	1.2	16	201	7	3				
42599 DUMKA	2416N	08715E	149	30	987.2	1003.5		29.3	1.1	33.0	1.9	18	300	44	4			
42647 AHMADABAD	2304N	07238E	55	999.9	1006.1		28.4	-0.3	30.7	3.7	12	127	-50	3				
42671 SAGAR	2351N	07845E	551	942.9	1003.5		24.7	-1.2	27.9	3.2	13	350	160	5				
42731 DWARKA	2222N	06905E	11	1005.0	1006.3		28.7	1.1										
42754 INDORE	2243N	07548E	567	943.1	1005.5		25.3	-0.1	26.5	3.0	14	196	-16	3				
42807 CALCUTTA/AILOPORE	2232N	08820E	6	1003.7	1004.3		29.2	0.2	33.7	1.2	19	367	67	5				
42867 NAGPUR/SONEGAON	2106N	07903E	310	970.1	1004.6		27.3	0.0	27.9	1.3	8	87	-107	1				
42909 VERAVAL	2054N	07022E	8	1006.1	1006.9		27.3	0.0	32.1	1.0	8	23	-84	2				
42933 AKOLA	2042N	07702E	282	973.9	1005.3		27.3	-0.3	27.0	2.0	3	22	-121	0				
42971 BHUBANESWAR	2015N	08550E	46		1004.5		28.4		33.3		13	194						
43041 JAGDALPUR	1905N	08202E	553	943.1	1003.6		25.9	0.0	26.8	0.7	14	187	-55	2				
43057 BOMBAY/COLABA	1854N	07249E	11	1006.7	1007.9		27.2	-0.4	30.5	0.3	22	352	92	4				
43063 POONA	1832N	07351E	559	945.9	1007.8		24.4	-0.6	24.3	0.7	8	38	-80	1				
43128 HYDERABAD AIRPORT	1727N	07828E	545	946.3	1006.0		26.7	0.8	25.0	1.2	10	101	-82	2				
43149 VISHAKHAPATNAM	1743N	08314E	3	1004.5	1004.9		29.5	0.4	33.6	2.6	14	137	-41	2				
43185 MACHILIPATNAM (FRANCHPET)	1612N	08109E	3	1005.3	1005.6		29.1	0.4	31.5	0.8	14	185	9	3				
43192 GOA/PANJIM	1529N	07349E	60	1002.3	1009.1		27.0	0.4	29.5	0.1	17	248	1	4				
43198 BELGAUM/SAMBRA	1551N	07437E	747	926.5	1008.3				23.5		8	34						
43279 MADRAS/MINAMBAKKAM	1300N	08011E	16	1004.9	1006.7		29.9	0.3	29.7	1.3	15	228	109	5				
43295 BANGALORE	1258N	07735E	921	908.1	1495	Y	24.4	0.8	21.4	0.0	8	99	-96	2				
43314 KOZHIKODE	1115N	07547E	5	1009.3	1009.9		26.8		29.8		7	112	2					
43333 PORT BLAIR	1140N	09243E	79	1000.3	1009.2		26.7	0.5	30.4	0.6	22	378	-107	3				
43363 PAMBAN	0916N	07918E	11	1006.6					30.5	-1.1								
43369 MINICOY	0818N	07309E	2	1010.0	1010.2		28.3	1.1	29.8	1.1								
43371 TRIVANDRUM	0829N	07657E	64	1002.5	1009.7		27.9	1.2	27.9	-0.6	5	57	-116	2				
SRI LANKA																		
43418 TRINCOMALEE	0835N	08115E	7	999.5	1008.2		29.5	-0.1			13	121	25	4				
43466 COLOMBO	0654N	07952E	7	1009.0	1009.9		28.5	1.2	27.8	-1.7	6	30	-191	1				
43497 HAMBANTOTA	0607N	08108E	20	1006.9	1008.7		28.3	1.1	30.4	2.2	1	13	-49	1				
MONGOLIA																		
44212 ULAN-GOM	4948N	09205E	936	909.3	1017.1		10.2		7.3		1	2						
44214 ULGI	4858N	08958E	1714	827.4	1009.9		9.5		7.0		2	4						

ASIA-MONGOLIA

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SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE
ASIA														
MONGOLIA	0°	0°	0'	3	mb	mb	0°C	0°C	mb	mb	mm	mm	mm	hr
44231 MUREN	4938N	10010E	1288		870.7	1016.6	7.9	0.6	4	13				
44239 BULGAN	4848N	10333E	1210		877.1	1015.1	6.5	6.4	14	13				
44259 CHOIBALSAN	4804N	11430E	756		928.7	1015.4	9.9	9.1	8	54				
44272 ULIASTAI	4745N	09651E	1753		821.9	1014.2	7.1	5.2	4	25				
44277 ALTAI	4624N	09615E	2147		782.8	1016.1	7.2	6.2	1	3				
44288 ARBAIHER	4616N	10247E	1813		817.4	1013.8	8.8	5.4	7	10				
44292 ULAN-BATOR	4756N	10659E	1338		869.5	1015.3	8.2	7.8	4	9				
44341 MANDALGOVI	4546N	10617E	1398		859.0	1014.4	10.5	6.5	2	6				
44354 SAINSHAND	4454N	11007E	936		907.4	1010.4	14.2	8.2	2	4				
44373 DALANZADGAD	4335N	10425E	1470		852.1	1012.1	14.1	5.6	1	1				
NEPAL														
44454 KATHMANDU AIRPORT	2742N	08522E	1337		862.7	1466	Y	23.0	-0.2	23.7	13	216	484	158
HONG KONG														
45005 ROYAL OBSERVATORY	2218N	11410E	62		1000.8	1007.9	27.8	0.3	29.5	0.6	14	410	894	16987
MACAU														
45011 MACAO	2212N	11332E	59		1001.4	1008.1	28.1	0.7	29.4	1.1	9	144	-852	
DPR KOREA														
47016 HYESAN	4124N	12810E	714		933.4	1017.9	13.2	11.9	10	129				
47025 KIMCHAEK	4040N	12912E	23		1012.8	1015.6	17.8	17.1	9	92				3
47035 SINUIJU	4006N	12423E	7		1014.6	1015.8	18.8	16.8	9	126				4
47055 WONSAN	3911N	12726E	36		1011.3	1015.6	21.5	17.8	9	337				5
47058 PYONGYANG	3902N	12547E	38		1010.4	1014.9	19.0	17.4	9	294				6
47069 HAEJU	3802N	12542E	81		1004.2	1013.6	20.2	17.6	8	549				5
REPUBLIC OF KOREA														
47105 KANGNUNG	3745N	12854E	27		1012.2	1015.4	19.9	0.3	18.1	0.3	10	559	3725	13575
47112 INCHON	3729N	12638E	70		1005.7	1013.8	20.8	0.3	18.9	0.6	7	529	3975	18384
47159 PUSAN	3506N	12902E	71		1005.3	1013.5	22.7	0.9	22.2	2.4	10	212	414	13775
47165 MOKP'0	3447N	12623E	56		1007.3	1013.8	22.0	0.0	21.9	0.7	8	81	-443	16185
JAPAN														
47401 WAKKANAI	4525N	14141E	11		1014.0	1015.3	17.1	0.7	15.2	1.5	9	107	-293	
47409 ABASHIRI	4401N	14417E	43	30	1010.5	1015.6	16.9	1.2	15.7	1.8	26	167	696	15285
47412 SAPPORO	4303N	14120E	19		1012.9	1015.0	18.7	1.8	16.2	1.6	9	124	-193	
47420 NEMURO	4320N	14535E	26		1012.9	1016.1	16.0	0.7	16.4	1.6	13	249	1085	
47426 URAKAWA	4210N	14247E	33	30	1011.2	1015.1	17.8	0.9	17.7	2.1	14	291	1566	13274
47582 AKITA	3943N	14006E	10		1011.6	1014.1	21.1	1.7	19.4	1.7	14	274	945	
47585 MIYAKO	3939N	14158E	47		1009.5	1014.9	19.8	1.3	19.9	2.2	15	210	194	
47590 SENDAI	3816N	14054E	43		1009.5	1014.5	22.1	2.1	20.6	2.0	12	260	854	
47600 WAJIMA	3723N	13654E	6		1012.0	1013.6	22.5	1.6	21.7	1.9	13	277	224	
47604 NIIGATA	3755N	13903E	6	30	1013.1	1013.8	23.4	2.0	20.7	1.3	13	133	-212	14284
47605 KANAZAWA	3633N	13639E	28	30	1010.2	1013.4	23.6	1.6	21.7	1.0	15	237	-133	14390
47618 MATSUMOTO	3615N	13758E	611		944.9	1013.4	20.8	1.6	17.9	1.0	13	209	645	
47624 MAEBASHI	3624N	13904E	113	30	1001.1	1014.1	23.0	1.7	20.7	1.0	13	290	1135	160118
47636 NAGOYA	3510N	13658E	56	30	1007.0	1013.4	24.6	1.8	22.4	1.1	16	516	3076	15795
47648 CHOSHII	3543N	14051E	28	30	1011.1	1014.3	23.8	1.0	24.5	2.1	11	172	-203	181115
47655 OMAEZAKI	3436N	13813E	47	30	1008.3	1013.6	24.9	1.3	24.6	1.2	14	489	2795	196110
47662 TOKYO	3541N	13946E	36		1010.0	1014.1	24.8	1.9	21.9	1.4	10	287	945	
47678 HACHIJOGIMA	3306N	13947E	80		1004.7	1013.8	25.6	0.8	26.0	0.6	14	285	-892	
47744 YONAGO	3526N	13321E	8		1012.5	1013.4	23.3	1.4	22.5	1.7	17	370	1555	
47765 HIROSHIMA	3422N	13226E	30	30	1006.9	1013.1	24.9	2.1	23.0	1.8	14	298	1105	14582
47772 OSAKA	3441N	13531E	50	30	1007.3	1013.0	25.4	1.4	22.5	1.7	16	454	2916	16494
47778 SHIONOMISAKI	3327N	13546E	75		1004.4	1012.9	24.9	1.0	25.8	1.9	14	550	2515	
47800 IZUHARA	3412N	12918E	22	30	1010.3	1012.9	23.7	1.2	24.0	2.5	15	382	1324	11073
47807 FUKUOKA	3335N	13023E	14		1010.9	1012.5	25.4	2.0	23.5	1.4	12	130	-572	
47815 OITA	3314N	13137E	13	30	1011.2	1012.6	24.8	1.8	23.9	1.4	14	271	224	174101
47817 NAGASAKI	3244N	12952E	35	30	1008.1	1012.1	25.8	1.6	24.6	2.0	13	210	-73	195105
47827 KAGOSHIMA	3134N	13033E	5		1010.8	1011.4	26.5	1.6	25.3	1.0	11	464	2535	115
47893 KOCHI	3333N	13332E	18	30	1010.6	1012.6	25.0	1.0	23.9	1.0	15	543	1584	183103
47898 SHIMIZU/ASHIZURI	3243N	13301E	33		1008.5	1012.2	25.6	0.6	26.6	1.9	15	1074	7796	99
47909 NAZE	2823N	12930E	7		1009.4	1010.3	26.8	0.3	28.1	1.0	16	831	4725	93

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE hr	
ASIA	0°	0°	m		mb	mb	°C	°C	mb	mb		mm	mm	Total	
JAPAN															
47918 ISHIGAKIJIMA	2420N	12410E	7	1008.5	1009.3	27.4	-0.2	28.5	-0.8	7	204	-39	3		
47927 MIYAKOJIMA	2447N	12517E	41	30	1004.4	1009.1	26.6	-0.4	29.2	0.5	13	206	-14	3	206 94
47936 NAHA	2612N	12741E	53	1003.6	1009.6	27.4	0.3	28.4	-0.1	9	159	-8	3		
47945 MINAMIDAITOJIMA	2550N	13114E	15	1009.1	1010.8	27.3	0.1	29.8	0.8	8	71	-67	1	106	
BURMA															
48008 MYITKYINA	2522N	09724E	147	992.2	1009.0	27.4	0.6			14	136	-135	2		
48042 MANDALAY	2159N	09606E	76	1000.8	1009.5	29.3	0.8	31.1	1.5	9	205	58	4		
48062 AKYAB	2008N	09253E	5	1007.1	1007.7	27.4	0.2	31.7	1.6	23	480	-81	2		
THAILAND															
48327 CHIANG MAI	1847N	09859E	314	973.1	1006.9	27.3	0.4	23.0	-6.3	18	162	-93	1	158 95	
48354 UDON THANI	1723N	10248E	182	987.2	1007.8	28.2	0.6	31.1	1.1	16	218	-60	2		
48378 PHITSANULOK	1647N	10016E	45	1002.3	1007.5	28.8	0.5	31.4	0.0	12	165	-99	1	161	
48400 NAKHON SAWAN	1548N	10010E	35	1003.6	1007.6	28.9	0.8	32.5	1.4	15	198	-47	2	178	
48431 NAKHON RATCHASIMA	1458N	10205E	188	986.6	1007.7	28.3	0.8	30.5	-0.2	11	186	-76	1		
48455 BANGKOK	1344N	10034E	20	1005.9	1008.2	28.8	0.6	26.6	-5.4	19	259	-83	2	157	
48462 ARANYAPRATHET	1342N	10235E	49	1002.7	1008.1	28.6	0.8	32.1	0.1	14	211	-79	1		
48480 CHANTHABURI	1236N	10207E	4	1008.3	1008.7	28.0	0.9	31.9	0.3	22	745	206	5	136	
48500 PRACHUAP KHIRIKHAN	1150N	09950E	5	1007.9	1008.5	28.7	0.7	29.0	-1.2	6	65	-25	2	145	
48517 CHUMPHON	1029N	09911E	5	1008.8	1009.4	27.9	0.6	30.8	0.5						
48568 SONGKHLA	0712N	10036E	5	1008.7	1009.4	28.4	0.4								
CHINA															
50527 HAILAR	4913N	11945E	611	942.5	1014.7	9.1	1.0	8.7		8	63	29	5	183	
50745 QIQIHAIR	4723N	12355E	148	996.5	1014.2	13.2	-0.8	10.6		5	85	36	5	229 95	
51076 ALTAY	4744N	08805E	737	931.9	1016.6	14.8	0.1	7.2		3	6	-9	1	308 110	
51431 YINING	4357N	08120E	663	938.8	1014.3	18.6	1.7	10.8		1	4	-9	1	319 120	
51463 URUMQI	4347N	08737E	919	912.2	1015.4	17.6	0.5	6.9		3	13	-7	2	305 115	
51709 KASHI	3928N	07559E	1291	871.1	1010.9	19.9	-0.1	12.8		0	T	-6	2	257 100	
51777 RUOQIANG	3902N	08810E	889	911.3	1009.6	21.1	1.3	8.7		0	T	-1	4	327 115	
51828 HOTAN	3708N	07956E	1375	861.0	1008.4	20.8	1.2	11.3		0	T	-3	4	288 125	
52203 HAMI	4249N	09331E	739	927.9	1011.5	18.0	-1.1	9.2		1	2	-1	3	323 105	
52533 JIUQUAN	3946N	09829E	1478	852.7	1013.4	15.8	0.8	8.0		2	4	-7	2	324 120	
52836 DULAN	3618N	09806E	3192	695.0		9.9	0.5	4.7		1	2	-60	1	287 115	
52889 LANZHOU	3603N	10353E	1518	848.8		17.7	1.9	12.1		4	16	-52	1	232 115	
53068 ERENHOT	4339N	11200E	966	904.9	1014.2	13.9	0.1	6.7		2	9	-5	2	296 105	
53614 YINCHUAN	3829N	10613E	1112	890.0	1013.2	17.4	1.4	12.6		1	6	-21	1	268 110	
54292 YANJI	4253N	12928E	178	1016.3	1028.4	15.2	0.8	13.7		7	108	56	5	205 100	
54342 SHENYANG	4146N	12326E	43	1009.7	1015.1	16.8	-0.3	14.8		6	140	75	5	225 95	
54511 BEIJING	3956N	11617E	55	1008.6	1015.1	20.2	0.8	16.5		7	63	4	4	196 80	
54857 QINGDAO	3604N	12020E	77	1005.7	1014.7	22.1	1.3	20.0		7	126	26	4	220 100	
55591 LHASA	2940N	09108E	3650	655.7		12.4	-0.3	9.6		18	90	34	5	183 75	
56137 GAMDO	3109N	09710E	3307	685.0		11.6	-1.3	10.0		18	140	68	6	120 65	
56294 CHENGDU	3040N	10401E	508	955.0	1012.4	22.3	1.0	22.8		8	141	21	4	83 95	
56571 XICHANG	2754N	10216E	1599	840.6		19.2	-0.7	16.4		13	111	-59	1	121 80	
56739 TENGCHONG	2507N	09829E	1649	834.4		18.9	-0.2	18.8		17	155	4	3	61 40	
56778 KUNMING	2501N	10241E	1892	811.5		18.1	0.6	16.3		10	101	-19	2	108 70	
56985 MENGZI	2323N	10323E	1302	868.5	1008.0	21.3	0.3	10.4		16	142	78	6	133 85	
57036 XI'AN	3418N	10856E	398	968.0	1013.7	21.2	1.9	18.6		9	38	-78	0	188 125	
57083 ZHENGZHOU	3443N	11339E	111	1001.6	1014.6	21.9	1.3	19.5		3	55	-30	2	182 95	
57461 YICHANG	3042N	11118E	134	997.4	1012.8	25.6	2.3	20.1		1	2	-103	0	163 100	
57745 ZHIZHJIANG	2727N	10941E	273	980.0	1011.1	24.7	1.6	21.6		7	104	50	5	182 100	
57993 GANZHOU	2551N	11457E	125	995.2	1009.5	25.6	-0.5	26.1		12	169	84	5	134 65	
58367 SHANGHAI	3110N	12126E	7	1011.6	1012.4	23.8	0.2	24.0		13	193	38	4	126 75	
58606 NANCHANG	2836N	11555E	50	1005.0	1010.3	24.8	-0.2	24.4		8	119	53	5	134 65	
59287 GUANGZHOU	2308N	11319E	8	1006.8	1007.7	28.2	1.2	28.0		11	133	-60	3	153 75	
59316 SHANTOU	2324N	11641E	3	1007.1	1008.0	26.8	0.3	29.6		11	287	127	5	149 75	
59431 NANNING	2249N	10821E	73	999.9	1008.3	28.5	1.9	27.1		7	97	-5	3	168 80	
AFRICA															
MADEIRA															
08522 FUNCHAL	3238N	01654W	56	1011.4	1018.0	22.8		20.4		10	167	6	157	60	

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE				
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL	% OF AV.				
AFRICA																	
CAPE VERDE																	
08594 SAL	1644N	02257W	55	1007.5	1013.7	27.2	0.7	26.2	-0.5	1	10	-27	3 198 100				
ALGERIA																	
60351 JIJEL	3650N	00547E	2	1015.4	1016.6	25.4		23.9		1	1		213 60				
60355 SKIKDA	3656N	00657E	7	1017.1	1017.3	25.5	3.0	23.4	3.3	0	0	-33	0 221 81				
60360 ANNABA	3650N	00749E	4	1016.5	1017.0	25.2	2.6	22.9	2.3	1	2	-36	1 250 107				
60390 DAR-EL-BEIDA	3643N	00315E	25	1013.0	1015.9	26.3	3.4										
60402 BEJAIA	3643N	00504E	2	1016.4	1016.7	25.2		24.2		1	3	3	204 140				
60419 CONSTANTINE	3617N	00637E	694	940.0	1017.0	23.5	3.1	17.1	2.4	3	26	-6	3 332 127				
60425 CHLEF	3613N	00120E	143	999.4	1015.6	28.7		18.2		1	5	3					
60430 MILIANA	3618N	00214E	715	936.9	1016.3	26.0	2.8	16.3		5	31	4	3 229				
60444 BOROJ BOU ARRERIDJ	3604N	00446E	928	915.2		24.1		13.2		6	20						
60445 SETIF	3611N	00525E	1081	904.4	1559 Y	23.4		13.6		4	36		244 65				
60467 M'SILA	3540N	00430E	441	963.1	1013.8	26.6		16.7		5	14		239 90				
60490 ORAN/ES SENIA	3538N	00036W	90	1005.4	1015.8	26.0	3.0	21.7	3.5	3	20	7	4				
60511 TIARET	3515N	00126E	1127	909.2	1560 Y	23.9		13.8		6	23		218 150				
60515 BOU-SAADA	3520N	00412E	461	964.6	1015.9	28.2		14.3			26		228 70				
60518 BENI-SAF	3518N	00121W	68	1006.5	1014.5	26.3		25.9		3	24		197 55				
60525 BISKRA	3448N	00544E	87	1005.7	1015.6	31.1	2.9	16.4	1.3	4	30	0	4				
60531 TLEMCEN (ZENATA)	3501N	00128W	247	987.6	1015.9	26.2		20.4		6	17		181 50				
60535 DJELFA	3441N	00315E	1144	905.7	1551 Y	23.9		13.2		3	14	-11	2 211 55				
60540 EL KHEITER	3409N	00004E	1000	905.6	1551 Y	24.6		12.2		4	16		188 50				
60549 MECHERIA	3456N	00262W	1149	892.4	1564 Y	24.8		10.5		4	21		167 45				
60550 EL BAYADH	3340N	00100E	1341	871.8	1567 Y	24.2		9.6		1	5		209 55				
60555 TOUGGUERT	3307N	00608E	85	1005.3	1015.0	31.7		12.3		0	0		283 75				
60559 EL OUED	3330N	00607E	63	1008.4	1015.5	31.8		16.7		1	1		275 70				
60560 AIN SEFRA	3246N	00036W	1058	899.4	1442 Y	25.4		12.1		3	12		174 45				
60566 GHARDAIA	3223N	00349E	450	963.9	1015.3	31.5		13.8		0	T		272 75				
60571 BECHAR	3137N	00214W	773	925.9	1562 Y	30.1	2.1	9.1	-2.4	1	T	-9	2				
60581 HASSI-MESSAOUD	3140N	00609E	142	998.7	1014.7	33.4		12.5		0	0						
60590 EL GOLEA	3034N	00252E	397	970.2	1014.0	31.9	3.3	11.0	-1.9	0	0	-2	0 270 83				
60602 BENI ABBES	3008N	00210W	499	957.3	1012.3	33.5		9.5		1	1		228 65				
60607 TIMIMOUN	2915N	00017E	312	977.7		31.8		8.1		0	0	-1	0 279 75				
60611 IN AMENAS	2803N	00938E	562	952.9	1014.5	29.8	1.0	9.9	0.0	0	0	0	0 270 87				
60620 ADRAR	2753N	0017W	263	980.1	1011.3	34.5	2.8	7.1		0	0	-1	4 274 85				
60640 ILLIZI	2630N	00825E	558	955.1	1014.7	31.0		7.9		0	0						
60670 DJANET	2433N	00928E	1054	928.2	1552 Y	28.5		7.8		0	0	-5	2 319 97				
NIGER																	
61017 BILMA	1841N	01255E	357	970.4	1009.7	30.9	-0.4	10.3	-0.2	0	0	-1	0 314 100				
61024 AGADEZ	1658N	00759E	502	953.4	1008.3	32.8	1.5	10.7	-2.7								
61036 TILLABERY	1412N	00127E	210	986.8	1010.0	30.9	1.5	24.6	-1.7	5	24	-45	1 255 .95				
61043 TAHOUA	1454N	00515E	391	966.2	1009.0	30.7	1.6	20.5	-2.8	4	53	-9	3 250 .95				
61045 GOURE	1359N	01018E	460	960.4	1008.4	31.3		15.2		2	3	1	236				
61049 N'GUIGMI	1415N	01307E	286	1008.4		31.4	1.5	18.0	-4.9	4	8	-12	3 259 100				
61052 NIAMEY-AERO	1329N	00210E	227	984.8	1010.1	29.5	1.4	26.4	1.7	6	130	36	5 258 105				
61075 BIRNI-N'KONNI	1348N	00515E	273	979.2	1009.4	30.1	1.9	25.9	0.0	5	62	-37	1 263 100				
61080 MARADI	1328N	00705E	373	966.9	1008.0	28.7	1.4	24.4	-1.1	5	15	-73	1 233 .90				
61090 ZINDER	1347N	00859E	453	959.5	1009.1	30.6	2.1	1.9	-19.9	4	12	-53	1 234 .90				
61091 MAGARIA	1259N	00856E	403	965.8	1010.3	28.8		22.9		4	40	1	241				
61096 MAINE-SOROA	1314N	01159E	337	972.7	1008.9	29.9	1.5	20.6	-2.6	4	34	-29	1 247 .95				
61099 GAYA	1153N	00327E	203	987.5	1010.3	27.4	0.5	27.8	-0.1	8	162	22	4				
MALI																	
61202 TESSALIT	2012N	00059E	491	955.9	1008.8	34.8	1.8	7.6	-5.5	0	0	-20	1 218 80				
61214 KIDAL	1826N	00121E	459			33.2	1.0	12.1	-4.7	1	3	-23	1 275 100				
61223 TOMBOUCTOU	1643N	00300W	264	980.4	1009.5	32.6	1.7	20.2	-2.0	2	9	-22	1 279 100				
61226 GAO	1616N	00003W	260	980.7	1009.2	33.0	1.6	19.0	-2.4	2	12	-21	2 251 .92				
61230 NIRO DU SAHEL	1514N	00921W	237	984.0	1010.4	29.7	1.4	28.0	2.6	8	79	-35	2 243				
61233 NARA	1510N	00717W	265	981.2	1010.6	30.0		23.5		7	37	-54	1 253				
61240 HOMBORI	1520N	00141W	288	977.9	1001.0	31.5	1.6	21.9	-1.9	7	70	2	3 255				
61257 KAYES	1426N	01126W	47	1007.0	1012.3	28.7	0.9	30.6	2.9	9	114	-39	2 247 118				
61265 MOPTI	1431N	00406W	272	980.7	1010.9	29.7	2.0	24.2	-2.0	7	84	-13	3 269 106				
61270 KITA	1304N	00928W	334	974.5	1011.8	26.0	0.2	27.2	0.3	13	135	-96	1 247 135				
61272 SEGOU	1324N	00609W	289	979.1	1011.3	27.2	0.7	28.1	0.7	8	103	-28	3 226 91				

AFRICA-MALI

AFRICA-MALI

SURFACE

SEPTEMBER 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL	DEPARTURE	QUINTILE
AFRICA	0°	0°	=	mb	0C	0C	mb	-	mb	-	mm	mm	mm	%
MALI														
61277 SAN	1320N	00450W	284	979.6	1011.2	27.8	0.8	27.1	-0.3	11	104	-35	2	239
61285 KENIEBA	1251N	01114W	132			27.0	0.5	29.5	1.1	16	228	-69	2	218
61291 BAMAKO/SENOU	1232N	00757W	381	969.5	1011.9	26.4	0.2	26.0	-0.2	19	188	-30	3	209
61293 KOUTIALA	1223N	00528W	367	970.3	1011.2	26.2	0.1	26.2	0.6	13	203	11	4	248
61296 BOUGOUNI	1125N	00730W	351	972.6	1011.6	25.7	0.0	26.8	0.2	15	192	-28	3	229
61297 SIKASSO	1121N	00541W	375	965.3	1011.7	25.3	-0.6	25.4	-0.8	18	226	8	3	220
MAURITANIA														
61401 BIR MOGHREIN	2514N	01137W	360	972.3	1012.0	30.5	1.2	19.8	1	3	-4	4	215	
61404 ZOUERATE	2245N	01229W	343			1011.7	25.1	1.1	11	T	-8	3	181	
61415 NOUADHIBOU	2056N	01702W	3	1012.9	1013.4	24.8	0.4	22.6	1.6	0	T	-28	1	255
61421 ATAR	2031N	01304W	224	986.1	1010.6	34.9	2.3	13.6	-0.6	0	T	-18	3	235
61442 NOUAKCHOTT	1806N	01557W	3	1011.0	1011.4	29.9	0.6	28.0	2.2	2	19	-45	1	236
61450 TIDJIKJA	1834N	01126W	402	966.2	1010.1	32.6	1.5	19.0	2.5	1	2	-51	2	249
61497 NEMA	1636N	00716W	269			32.8	1.6	24.0	3.5	13	35			
61498 KIFFA	1638N	01124W	115	997.4	1010.1	25.6	-5.5	19.4	-4.2	4	55	-34	3	360
61499 AIOUN EL ATROUSS	1642N	00936W	223	985.0	1009.6	32.6	2.8	21.4	3.5	4	18	-56	0	256
SENEGAL														
61600 SAINT-LOUIS	1603N	01627W	4	1011.5	1012.0	29.4	1.4	33.7	3.5	8	62	-35	1	253
61612 PODOR	1639N	01458W	7	1011.1	1011.9	32.1	2.0	27.9	1.7	3	28	-59	2	226
61627 LINGUERE	1523N	01507W	21	1009.4	1011.7	30.5	2.2	30.1	1.8	6	86	-44	2	268
61630 MATAM	1539N	01315W	17	1009.7	1011.6	30.9	1.7	27.5	-0.2	6	129	21	4	237
61641 DAKAR/YOFF	1444N	01730W	24	1009.4	1012.6	28.2	0.8	30.8	0.3	5	100	-57	2	249
61666 DIOURBEL	1439N	01614W	9	1010.7	1011.7	29.0	1.0	30.4	1.2	10	180	-13	3	270
61679 KAOLACK	1408N	01604W	7	1012.5	1013.3	28.9	0.9	31.4	1.4	13	109	-77	1	278
61687 TAMBACOUNDA	1346N	01341W	50	1006.7	1012.4	27.6	0.8	29.7	1.6	6	99	-129	1	264
61695 ZIGUINCHOR	1233N	01616W	23	1010.2	1012.8	26.9	0.5	31.0	1.7	20	148	-190	0	198
61698 KOLDA	1253N	01458W	10			27.2	0.4	30.1	0.5	16	121	-178	1	233
61699 KEDOUGOU	1234N	01213W	167	992.4	1011.2	26.7	0.4	28.6	0.3	15	222	-83	2	
GUINEA														
61811 SIGIRI	1126N	00910W	366			26.6		22.6		16	172	-114	0	214
61816 BOKE	1056N	01419W	69	1005.2	1013.1	26.7		28.8						
61829 KANKAN	1023N	00918W	384	967.7	1010.6	25.8		26.4		24	248	-120	1	58
61832 CONAKRY/GBESSIA	0934N	01337W	26	1010.1	1012.7	25.9	0.5	29.2	0.9	21	649	56	4	147
61833 FARAHNAH/BADALA	1002N	01045W	459	961.4	1013.4	14.6		25.6		24	194			
61834 KISSIDOUGOU	0911N	01006W	525			23.9		25.4		25	201	-168	0	
61849 N'ZEREKORE	0744N	00850W	470	960.5	1012.9	24.5		25.4						
SIERRA LEONE														
61856 LUNGI	0837N	01312W	27	1009.6	1012.5	26.4	0.8	28.6	0.1	23	402	-140	1	123
61878 NJALA	0806N	01206W	56	1003.4	1009.7	26.3	0.8	28.7	0.4	26	415	24		95
61886 KABALA	0935N	01133W	464	961.0	1012.7	24.9	0.4	26.2	0.6	26	593	212	6	191
61891 DARU	0759N	01051W	186	990.4	1011.7	26.4	0.7	27.8	0.3	23	283	-138	1	136
UNITED KINGDOM (OCEAN IS.)														
61901 ST. HELENA IS.	1556S	00540W	436	968.1	1019.1	16.6	2.0	15.8	9	51	-6	3	72	
FRANCE (OCEAN ISLANDS)														
61968 ILES GLorieuses	1135S	04717E	4	1016.9	1017.4	25.6	0.5	23.6	2.3	5	22	9	4	231
61970 ILE JUAN DE NOYA	1703S	04242E	10	1015.8	1017.0	25.0	0.0	24.2	-0.6	0	0	-2	4	294
61972 ILE EUROPA	2219S	04020E	13	1017.8	1019.3	22.4	-0.1	19.3	-1.0	1	3	-8	3	276
61976 SERGE-FROLow (ILE TROMELIN)	1553S	05431E	13	1015.9	1017.3	24.6	0.9	25.1	2.6	7	24	-16	1	241
61980 SAINT-DENIS/GILLOT (REUNION)	2053S	05531E	25	1017.2	1020.1	22.2	0.8	19.0	1.6	12	37	-6	3	
61996 MARTIN DE VIVIES(ILE AMST.)	3748S	07732E	29	1016.8	1019.8	12.5	1.1	2.6	-9.0	15	68	-17	2	121
MAURITIUS														
61974 AGALEGA	1026S	05645E	3	1014.2	1014.5	25.8	0.5	24.7	-0.4	6	41	-27	2	
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4	1017.1	1017.4	24.2	0.7	23.7	0.4	7	19	-7	2	
61988 RODRIGUES	1941S	06325E	59	1013.7	1020.0	22.8	0.8	20.7	1.0	10	.82	41	5	238
61990 PLAISANCE (MAURITIUS)	2026S	05740E	57	1014.0	1019.9	21.9	0.8	20.6	1.0	12	.73	9	4	186
LIBYAN ARAB JAMAHIRIYA														
62010 TRIPOLI INTL AIRPORT	3240N	01309E	81	1007.2	1016.2	28.7	2.8	20.2	0.7	0	0	-17	0	285
														105

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE					
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MM	TOTAL	MM	DEPARTURE				
AFRICA																		
LIBYAN ARAB JAMAHIRIYA																		
62053 BENINA	3205N	02016E	132		1001.7	1016.7	25.0	0.0	19.1	-0.4	0	0	-2	0	302			
62124 SEBHA	2701N	01426E	432		966.9	1015.3	29.5	1.2	13.5	1.1	0	0	0	0	314			
62271 KUFRA	2413N	02318E	435	30	967.8	1013.2	28.5	0.2	10.3	0.9	0	0	0	5	104			
SUDAN																		
62600 WADI HALFA	2149N	03129E	183		989.1	1008.6	32.5	1.6	12.0	0	T	0	5	297	100			
62640 ABU HAMED	1932N	03319E	312		971.1	1005.4	34.7	0.4	11.1	0.9	0	0	-1	0	295			
62650 DONGOLA	1910N	03029E	226		982.1	1007.5	31.4	-1.7	9.7	-2.3	0	0	0	0	279			
62660 KARIMA	1833N	03151E	249		977.7	1006.5	34.0	0.5	9.9	-1.7	0	0	-5	0	282			
62680 ATBARA	1742N	03358E	345		966.5	1006.5	34.1	-0.5	12.7	-2.4	0	T	-5	2	234			
62721 KHARTOUM	1536N	03233E	380		962.9	1005.4	34.0	2.8	15.7	-3.4	1	2	-24	1				
62730 KASSALA	1528N	03624E	500		953.2	1008.1	30.3	1.6	19.7	-2.6	8	31	-25	3	283			
62752 GEDAREF	1402N	03524E	599		941.0	1007.1	27.1	0.5	21.7	-1.7	7	136	33	4	231			
62760 EL FASHER	1337N	02520E	730		927.7	1006.4	30.9	3.8	16.4	-0.4	2	25	-9	2	231			
62772 KOSTI	1310N	03240E	381		967.7	1007.5	29.0	1.6	22.7	-3.1	8	183	109	6				
62805 DAMAZINE	1147N	03423E	470		955.2	1007.6	27.4	1.8	25.7	0.6	9	69	-50	1	104			
62840 MALAKAL	0933N	03139E	388		966.5	1009.6	26.8	1.3	26.4	0.1	10	133	0	3	174			
ETHIOPIA																		
63021 ASMARA	1517N	03855E	2325		772.6		16.4	-0.8	12.3	1.3	2	18	-6	3	95			
63331 GONDAR	1232N	03726E	1966		805.3		17.6	-1.3	15.7	0.0	16	127	1	3				
63402 JIMMA	0740N	03650E	1577		833.5		19.5	0.8	17.2	0.6	21	245	75	5	108			
63450 ADDIS ABABA	0859N	03848E	2324		765.6		16.2	0.0	12.5	-0.1	22	184	9	3	88			
63471 DIRE DAWA	0936N	04152E	1146		885.0		27.6	1.2	16.4	-0.5	9	39	-15	2	231			
KENYA																		
63686 ELDORET	0032N	03517E	2133		790.4	1546 Y	15.5		12.5		7	880	3	255	110			
63723 GARISSA	0028S	03938E	147		997.9	1001.5	28.0	0.3	19.0	-1.3	10	10	1	4	267			
63740 NAIROBI/KENYATTA AIRPORT	0119S	03655E	1624		840.4	1521 Y	18.2	-0.3	13.2		1							
63799 MALINDI	0314S	04006E	23		1001.1	1001.4	25.9		13.0		5	56	-8	4	279			
ZAIRE																		
64115 INONGO	0158S	01816E	300		955.8	1009.3	24.8	-0.4	26.9		10	251	36	4				
64207 MATADI	0548S	01326E	340		974.0		22.1				6	14						
64210 KINSHASA/N'DJLI	0423S	01526E	312		977.0	1012.2	24.5	-0.1	22.4		5	32	-8	3				
64222 KIKWIT	0502S	01848E	449		956.9	1015.0	25.0	0.6	31.6									
64235 KANANGA	0553S	02225E	657		937.5	1509 Y	24.1	0.3	23.5		12	111	-20	3	125			
CONGO																		
64400 POINTE-NOIRE	0449S	01154E	17		1012.0	1014.0	23.5	0.2	23.0	-0.7	8	2	-15	1	58			
64401 LOUBOMO	0412S	01242E	330		976.7	1014.0	22.2	-1.3	22.3	0.8	1	5	-1	4	83			
64402 MOYONDZI	0359S	01355E	512		954.4	1011.2	22.4	-0.6	22.0	0.1	1	39	11	5	92			
64403 MAKABANA	0329S	01237E	161		994.1	1012.3	24.2	-0.4	23.9	0.9	1	3	-3	3	39			
64405 SIBITI	0341S	01321E	531		952.9	1011.8	21.5	-0.5	21.9	0.0	4	8	-10	3	42			
64452 M'POUYA	0237S	01613E	312		976.2	1011.1	25.1	-0.5	25.0	0.1	8	75	-24	3	172			
64459 IMPFONDO	0137N	01804E	326		974.7	1011.2	24.5	-0.4	26.6	0.1	16	189	6	3	157			
BENIN																		
65306 KANDI	1108N	00256E	292		978.6	1011.3	26.3	0.6	27.3	-0.2	13	180	-48	2	176			
65319 NATITINGOU	1019N	00123E	461		960.8	1012.1	24.9	0.3	26.5	0.8	15	183	-113	1	158			
65330 PARAKOU	0921N	00237E	393		968.2	1012.1	24.6	0.2	25.5	-0.1	14	179	-44	2	139			
65335 SAVE	0759N	00226E	200		989.9	1012.5	24.9	-0.3	25.4	-1.2	14	184	21	4	111			
65338 BOHICON	0710N	00204E	167		993.6	1012.6	25.2	-0.4	27.4	1.0	10	178	.33	4	125			
65344 COTONOU	0621N	00223E	9		1011.8	1012.8	25.8	0.0	28.2	-0.1	12	102	14	4	143			
TOGO																		
65361 SOKODE	0859N	00109E	387		968.7	1012.7	24.6	0.0	26.3	0.6	13	106	-175	1	118			
65376 ATAKPAME	0735N	00107E	402		967.0	1012.7	24.0	-0.1	26.1	0.8	11	104	-98	1	150			
65380 TABLIGBO	0635N	00130E	44		1007.1	1012.2	25.6	0.1	27.4	0.4	11	83	-24	3				
65387 LOME	0610N	00115E	25		1010.2	1013.0	25.5	0.0	29.5	2.3	10	92	44	5	152			
BURKINA FASO																		
65501 DORI	1402N	00002W	277		979.4	1010.1	30.0	1.3	26.4	0.4	7	57	-34	2	268			
65502 OUAHIGOUYA	1334N	00225W	336		973.2	1010.5	28.4	0.8	24.0	-2.2	8	76	-46	1	277			
65503 OUAGADOUGOU	1221N	00131W	306		977.1	1011.1	27.8	1.1	26.2	-0.5	9	104	-49	2	248			
															105			

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL mm	DEPARTURE	QUINTILE	TOTAL hr	% OF AV.
AFRICA																
BURKINA FASO	0°	0°	m		mb	mb	°C	°C	mb	mb		mm	mm	hr	%	
65507 FADA N'GOURMA	1202N	00022E	309		976.6	1011.1	26.9	0.8	27.1	-0.1	12	116	-73	1	231	
65510 BOBO-DIOULASSO	1110N	00419W	460		960.7	1011.9	25.5	0.3	25.5	0.1	9	110	-97	1	221	
65516 BOROMO	1145N	00256W	271		981.6	1011.4	27.0	0.8	26.5	-0.4	10	126	-60	2	236	
65522 GAOUA	1020N	00311W	335		974.3	1011.8	25.6	0.0	26.0	-0.5	16	129	-74	1	230	
COTE D'IVOIRE																
65528 ODIENNE	0930N	00734W	421		964.8	1011.7	24.4	-0.4	25.5	0.0	11	170	-106	1	198	
65536 KORHOGO	0925N	00537W	381		969.4	1012.0	25.4	0.8	25.8	0.1	16	145	-108	1	200	
65545 BONDOKOU	0803N	00247W	370		970.5	1012.3	24.4	0.3	26.0	0.6	14	208	28	4	127	
65548 MAN	0723N	00731W	340		974.6	1012.9	24.3	0.2	26.8	1.1	15	225	-80	2	185	
65555 BOUAKE	0744N	00504W	376		969.3	1012.9	24.6	0.0	25.9	0.0	5	108	-69	1	138	
65557 GAGNOA	0608N	00557W	210		989.2	1013.0	25.1	0.0	27.3	0.6	10	96	-68	2	133	
65560 DALOA	0652N	00628W	277		981.2	1012.3	24.9		27.0		11	110	-150	0	154	
65562 DIMBOKRO	0639N	00442W	92		1002.0	1012.5	26.2	-0.1	27.7	0.8	7	41	-93	1	112	
65563 YAMOUSOUKRO	0654N	00521W	213		987.8	1011.8	25.1		27.5		9	113			119	
65578 ABIDJAN	0515N	00356W	8		1012.0	1012.9	24.6	0.0	28.4	0.8	5	22	-42	2	139	
65585 ADIAKE	0518N	00318W	39				24.9	0.1	27.9	0.8	6	51	-58	1	84	
65592 TABOU	0425N	00722W	21				24.7	0.1	28.1	0.3	21	273	38	4	93	
65594 SAN PEDRO	0445N	00639W	30		1009.1	1012.5	24.9		28.7		14	20			129	
65599 SASSANDRA	0457N	00605W	66		1005.9	1013.5	24.6	0.2	28.0	1.2	6	43	-43	3	166	
ZAMBIA																
67475 KASAMA	1013S	03108E	1384		864.3	1522	Y	21.3	-0.4	11.7	1.0	1	18	15	5	
67633 MONGU	1515S	02309E	1053		896.6	1515	Y	34.0	9.8	10.3	1.3	1	10	5	5	299
67663 KABWE	1427S	02828E	1207		882.6	1530	Y	21.1	-0.9	10.3	0.8	0	T	-1	4	
67743 LIVINGSTONE	1749S	02549E	986		905.2	1531	Y	23.3	-0.3	8.2	0.1					297
MALAWI																
67586 KAMUZU INTL.	1347S	03346E	1229	30	881.7	1535	Y	18.9		12.2						
ZIMBABWE																
67775 HARARE (KUTSAGA)	1755S	03108E	1480		856.8	1544	Y	17.1	-1.7	9.4	-0.4	0	0	-10	2	291
67964 BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344		870.3	1545	Y	19.0	-0.7	8.7	-0.4	0	0	-8	0	279
SOUTH AFRICA																
68174 PIETERSBURG	2352S	02927E	1200		886.9	1559	Y	16.8	-0.5	9.0	-1.6	1	1	-16	2	290
68262 PRETORIA	2544S	02811E	1300		876.0	1558	Y	19.0	1.3	8.5	-0.7	2	7	-16	2	291
68368 JAN SMUTS	2608S	02814E	1700		836.2	1562	Y	15.2	-0.4	7.7	-0.3	2	8	-18	2	267
68424 UPINGTON	2824S	02116E	800		927.2	1545	Y	19.7	2.0	5.8	-1.0	0	0	-3	0	311
68438 KIMBERLEY	2848S	02446E	1200		885.6	1549	Y	17.7	0.7	5.4	-1.4	1	1	-9	2	309
68442 BLOEMFONTEIN (J.B.M. HERTZOG)	2906S	02618E	1400		865.0	1548	Y	15.7	1.1	5.0	-2.3	1	1	-19	1	294
68461 BETHLEHEM AIRPORT	2815S	02820E	1700		835.4	1555	Y	13.3		6.8		1	1			285
68476 LADYSMITH	2834S	02946E	1100		896.6	1553	Y	16.9		9.8		0	0			254
68588 DURBAN (LOUIS BOTHA)	2958S	03057E	8		1019.9	1021.5	18.7	-0.1	15.9	-1.0	8	52	-17	2	167	
68816 CAPE TOWN (D.F. MALAN)	3359S	01836E	42		1014.2	1020.0	14.0	0.4	12.2	0.5	5	27	-11	2	246	
68828 GEORGE AIRPORT	3400S	02223E	193		996.9	1020.6	13.9	0.5	12.5		6	28	-30	2	188	
68842 PORT ELIZABETH	3359S	02536E	60		1013.2	1020.8	15.4	0.4	13.5	0.4	5	42	-33	3	221	
68858 EAST LONDON	3302S	02750E	125		1005.5	1020.5	15.8	-0.2	13.4	-0.5	6	137	38	4	232	
68906 GOUGH ISLAND	4021S	00953W	54		1016.7	1023.1	8.8	-0.4	8.5	-1.2	10	167	-123	1	107	
N AMERICA																
USA																
70026 BARROW/W. POST W. ROGERS, AK.	7118N	15647W	4		1008.0	1008.4	-0.3	0.5	5.2	-0.4	7	14	-1	3		
70086 BARTER ISLAND, AK.	7008N	14338W	15								0	0	-20	0		
70133 KOTZEBUE, RALPH WIEN, AK.	6652N	16238W	5		984.7	1005.7	4.5	-0.8	6.4	-0.9	10	76	38	5		
70200 NOME, AK.	6430N	16526W	7		1003.7	1004.5	4.6	-1.2	6.6	-0.3	12	47	-12	3		
70219 BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46		998.8	1004.4	6.5	-0.7	8.1	0.0	16	82	25	4		
70231 MCGRATH, AK.	6258N	15537W	103		993.8	1006.5	5.9	-0.8	7.5	0.7	28	81	29	4		
70261 FAIRBANKS/INTL, AK.	6449N	14752W	138		989.9	1006.9	7.1	-0.1	7.2	-0.2	8	44	16	4		
70273 ANCHORAGE/INTL, AK.	6110N	15001W	40		1001.6	1006.5	9.9	1.0	9.8	1.2	17	164	101	6		
70308 ST. PAUL, AK.	5709N	17013W	9		1003.0	1004.1	6.7	-0.2	8.7	-0.6	10	86	22	4		
70316 COLD BAY, AK.	5512N	16243W	31		1000.2	1004.0	8.7	0.1	9.8	-0.1	16	166	69	5		
70326 KING SALMON, AK.	5841N	15639W	15		1002.3	1004.1	8.8	0.4	9.2	0.8	14	62	-9	3		
70361 YAKUTAT, AK.	5931N	13940W	9		1011.6	1012.8	10.7	1.7	11.8	2.7	27	884	483	6		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE			
					MEAN mb	STATION	MEAN SEA LEVEL mb	°C	°C	mb	MEAN mb	DEPARTURE	mb	DEPARTURE	MM	TOTAL hr	% OF AV.
N AMERICA																	
USA	0°	0°	0	3													
70398 ANNETTE ISLAND, AK.	5502N	13134W	34	1015.9	1020.0	12.9	0.6	12.3	0.8	15	169	-83	2				
72201 KEY WEST/INTL, FL.	2433N	08145W	6	1014.4	1015.2	28.8	0.3	28.9	13	134	-45	3	287	110			
72202 MIAMI, FL.	2549N	08017W	4	1015.4	1015.8	28.4	0.8	27.9	-1.4	12	89	-116	1	300	120		
72203 WEST PALM BEACH/INTL, FL.	2641N	08007W	6	1014.8	1015.6	28.2		28.4	11	297	4						
72205 ORLANDO/JETPORT/ FL.	2826N	08119W	32	1012.7	1016.6	27.8		25.9	3	63							
72206 JACKSONVILLE/INTL, FL.	3030N	08142W	9	1016.0	1017.1	26.4	0.3	23.8	-2.3	5	66	-97	1	279	154		
72207 SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15	1015.3	1017.1	26.1		22.5	3	32	1	316	150				
72208 CHARLESTON/MUN., SC.	3254N	08002W	15	1016.2	1017.9	26.2	1.9	23.0	-0.4	2	5	-120	0	216	95		
72211 TAMPA/INTL, FL.	2758N	08232W	3	1015.9	1016.3	28.2		26.4	5	62	1	236	105				
72214 TALLAHASSEE/MUN., FL.	3023N	08422W	21	1014.4	1016.8	26.2		22.8	5	123	3						
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110	1004.6	1017.4	25.6	1.3	20.8	3	47	-34	3	328	140			
72218 AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45	1011.8	1017.1	24.6		21.5	3	28	1						
72219 ATLANTA/MUN., GA.	3339N	08425W	315	981.5	1017.9	24.3	1.8	20.0	-0.2	6	77	5	3	262	110		
72223 MOBILE/BATES FIELD, AL.	3041N	08815W	67	1009.1	1016.9	25.9	0.4	22.5	8	67	-88	2					
72226 MONTGOMERY/DANNELLY, AL.	3218N	08624W	62	1010.2	1017.4	25.9		20.0	3	27	1	285	125				
72231 NEW ORLEANS, LA	2959N	09015W	9	1015.7	1016.8	26.4	0.1	24.9	-1.0	6	116	-44	2	212	95		
72234 MERIDIAN/KEY, MS.	3220N	08845W	94	1006.0	1017.0	25.9		21.1	3	44	2						
72235 JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101	1005.3	1017.0	25.8		23.3	10	123				315	135		
72240 LAKE CHARLES/MUN., LA.	3007N	09313W	10	1015.3	1016.4	25.9		26.5	11	243				241			
72242 GALVESTON, TX.	2918N	09448W	16	1014.4	1016.3	27.8	1.2	26.8	6	182	36	4					
72243 HOUSTON/INTERCONTINENTAL, TX.	2958N	09521W	33	1011.9	1015.7	26.7		23.9	5	40				254	105		
72248 SHREVEPORT/REG., LA.	3228N	09349W	79	1007.0	1016.2	26.5	1.7	22.6	6	74	-14	4	204	.85			
72250 BROWNSVILLE/INTL, TX.	2554N	09726W	6	1014.2	1014.9	27.4	-0.1	26.7	0.6	9	99	-34	2	214	.85		
72251 CORPUS CHRISTI/INTL, TX.	2746N	09730W	13	1013.5	1015.2	27.7		26.4	12	68	2	206	.85				
72253 SAN ANTONIO/INTL, TX.	2932N	09828W	242	987.9	1015.5	26.7	0.5	22.6	1.5	6	94	-7	3	200	.85		
72254 AUSTIN/ROBERT MUELLER., TX.	3018N	09742W	189	994.0	1015.6	27.3		23.0	7	44	2	205	.85				
72255 VICTORIA/VICTORIA REG., TX.	2851N	09655W	36	1012.0	1016.1	27.4		26.2	7	91							
72256 WACO/MADISON-COOPER, TX.	3137N	09713W	155	997.6	1015.3	27.0		22.8	6	167	5						
72259 DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182	994.7	1015.6	26.7		21.2	6	28	1	218	.90				
72263 SAN ANGELO/MATHIS, TX.	3122N	10030W	582	949.9	1015.6	23.9		19.8	11	158	5						
72265 MIDLAND/MIDLAND REG., TX.	3157N	10211W	872	918.0	1014.9	23.9	0.1	18.7	9	73	32	5	226				
72266 ABILENE, TX.	3225N	09941W	534	954.0	1015.8	24.9	0.4	19.0	1.4	8	122	44	4	208	.80		
72267 LUBBOCK/LUBBOCK INTL, TX.	3339N	10149W	988	906.1	1015.4	23.2		15.5	4	32	3	215	.80				
72270 EL PASO/INTL, TX.	3148N	10624W	1194	883.6	1013.3	23.3	-0.5	16.5	4.5	8	88	52	5	288	.95		
72274 TUCSON/INTL, AZ.	3207N	11056W	779	925.0	1010.8	27.9		16.3	5	41	4	249	.80				
72278 PHOENIX/SKY HARBOR INTL, AZ.	3326N	11201W	337	971.9	1009.9	30.9	1.7	18.1	5	28	12	4	319	.95			
72290 SAN DIEGO/LINDBERGH, CA.	3244N	11710W	9	1012.0	1013.0	22.1	0.5	19.0	0	0	-5	0					
72295 LOS ANGELES/INTL, CA.	3356N	11824W	32	1009.4	1013.1	21.7		18.5	0	0	3						
72304 CAPE HATTERAS, NC.	3516N	07533W	3	1017.1	1017.5	23.6	0.0	21.4	-2.5	4	15	-131	0	272	120		
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134	1002.6	1018.4	22.3		18.7	2	8	0	197	90				
72308 NORFOLK/INTL, VA.	3654N	07612W	9	1016.6	1017.6	22.0		19.7	4	25	1	232	.95				
72310 COLUMBIA, SC.	3357N	08107W	69	1009.3	1017.3	24.4	0.8	20.8	4	67	-35	2	221	.90			
72312 GREENVILLE/G-SPARTANBURG, SC.	3454N	08213W	296	983.8	1018.1	22.3		20.5	6	54				266	115		
72314 CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234	990.6	1017.8	23.4		18.6	4	44	2	236	.95				
72315 ASHEVILLE/REG., NC.	3526N	08233W	661	944.0	1019.3	19.8	0.3	18.1	-0.3	7	36	-60	1	227	110		
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270	986.8	1018.3	21.4		17.1	4	30	1	255	.95				
72324 CHATTANOOGA/LOVELL FIELD, TN.	3502N	08512W	210	993.3	1017.7	23.7		19.9	8	94	3	250	110				
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299	983.3	1018.0	22.3		18.8	8	68	3	260	110				
72327 NASHVILLE/OLD HICKORY, TN.	3615N	08634W	180	996.0	1017.4	23.7	1.3	18.3	-1.4	6	54	-40	2	249	110		
72340 N. LITTLE ROCK/MUN.APRT., AR.	3450N	09215W	165	997.7	1016.9	25.1	1.6	20.5	0.4	8	90	-15	3				
72344 FORT SMITH/MUN., AR.	3520N	09422W	141	1000.5	1016.9	25.1		20.7	10	124	4	244	105				
72353 OKLAHOMA CITY/W.R.WORLD, OK.	3524N	09736W	397	970.8	1016.4	25.0	2.0	19.4	2.0	6	187	100	5	276	110		
72356 TULSA/INTL, OK.	3612N	09554W	206	992.6	1016.4	25.7		18.9	6	106	4	283	125				
72365 ALBUQUERQUE/INTL, NM.	3503N	10637W	1620	841.1	1014.5	21.6	0.7	11.8	2.4	7	24	2	3	291	.97		
72386 LAS VEGAS/MCCARRAN, NV.	3605N	11510W	664	936.7	1011.7	27.8	1.1	10.6	2.7	2	5	-3	4	295	.87		
72389 FRESNO/AIR TERM., CA.	3646N	11943W	100	1001.9	1013.5	24.3		13.1	2	4	4	350	100				
72394 SANTA MARIA/PUBLIC, CA.	3454N	12027W	73	1014.7	1018.1	17.7	0.4	14.8	1.2	2	9	1	5				
72401 RICHMOND/BYRD, VA.	3730N	07720W	54	1011.7	1018.1	20.8		18.1	5	49	2	266	110				
72405 WASHINGTON/NAT., VA.	3851N	07702W	20	1015.4	1017.8	20.9	-1.4	17.4	-1.3	5	22	-60	1	209	.90		
72406 BALTIMORE/B-WASHINGTON, MD.	3911N	07640W	47	1012.2	1017.6	19.6		16.4	3	27	1						
72407 ATLANTIC CITY, NJ.	3927N	07434W	20	1014.4	1016.9	18.1		17.0	7	49	2	208	.90				
72408 PHILADELPHIA/INTL, PA.	3953N	07515W	9	1015.8	1016.8	20.0	0.1	18.1	4	43	-40	1	216	.95			
72411 ROANOKE/MUN., VA.	3719N	07958W	358	976.2	1017.9	20.1		17.5	8	47	2						
72412 BECKLEY(RALEIGH CTY.MUN.), WV.	3747N	08107W	766	931.6	1018.9	17.6		15.6	9	49	2						
72414 CHARLESTON/YEAGER AP, WV.	3822N	08136W	299	982.9	1017.9	20.4		17.8	10	108	5						

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STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
				MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE mb	MEAN °C	DEPARTURE mb	MEAN mm	DEPARTURE mm	QUINTILE	TOTAL hr	% OF AV.
N AMERICA														
USA	0°	0°	#	mb	mb	°C		mb	mb	mm	mm			
72421 CINCINNATI/GREATER CIN., OH.	3903N	08440W	267	986.3	1017.7	19.8	-0.4	18.3		7	105	26	4	220 95
72422 LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301	982.2	1017.4	20.3	19.2			9	54	2		
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149	999.2	1017.0	22.1	18.2			8	65	3	231	100
72425 HUNTINGTON/TRI-STATE, WV.	3822N	08233W	255	987.4	1017.3	20.1	18.2			10	136			
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254	987.9	1017.8	19.1	-0.4	16.9	0.4	9	134	67	5	181 85
72429 DAYTON/JAMES M. COX DAY., OH.	3954N	08412W	306	981.6	1017.5	18.4	-0.5	16.9	1.1	10	66	5	3	201 78
72432 EVANSVILLE/REG., IN.	3803N	08732W	118	1003.3	1017.3	21.7	19.1			6	65	3	226	90
72434 ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172	996.5	1016.6	23.4	2.4	18.0	0.1	2	20	-49	1	245 100
72438 INDIANAPOLIS/I.-MUN/WEI., IN.	3944N	08616W	246	988.5	1017.5	19.4		17.6		8	68		3	204 85
72439 SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187	995.4	1016.8	20.2		17.6		6	49			226 90
72440 SPRINGFIELD/MUN., MO.	3714N	09323W	387	972.3	1017.2	22.5		18.2		9	148	4	255	105
72445 COLUMBIA/REGIONAL, MO.	3849N	09213W	274	984.8	1016.7	21.4	1.0	18.0	2.0	2	24	-75	1	227 95
72446 KANSAS CITY, INTL, MO.	3919N	09443W	312	980.5	1016.8	22.3		16.7		3	33			278 115
72450 WICHITA, KS.	3739N	09726W	408	969.4	1016.5	23.5	2.4	15.3	-0.6	6	50	-45	2	265 110
72451 DODGE CITY/MUN., KS.	3746N	09958W	790	926.9	1016.0	22.7	2.3	13.3		6	37	-13	3	282 105
72456 TOPEKA/MUN., KS.	3904N	09537W	270	984.9	1016.4	22.0	1.9	17.4		4	21	-67	1	283 120
72458 CONCORDIA/BLOSSER MUN., KS.	3933N	09739W	452	964.0	1016.1	22.8	2.8	13.9		4	31	-52	1	311 120
72465 GOODLAND/RENNER FIELD/, KS.	3922N	10142W	1124	891.6	1016.7	20.3		11.7		6	38		4	
72469 DENVER/STAPLETON INTL, CO.	3945N	10452W	1625	840.5	1016.1	19.4	1.9	10.2	2.3	5	37	8	4	293 105
72476 GRAND JUNCTION/WALKER F., CO.	3907N	10832W	1475	855.3	1015.6	20.9	1.6	10.4	3.2	7	31	13	5	257 85
72483 SACRAMENTO/EXECUTIVE, CA.	3831N	12130W	8		1012.8	23.3	1.0	12.3	-0.1	0	0	-7	0	
72486 ELY/YELLAND, NV.	3917N	11451W	1909	812.0	1014.5	15.8	2.1	7.1	1.8	3	16	-2	3	272 85
72488 RENO/INTL, NV.	3930N	11947W	1341	866.9	1014.5	18.6		7.4		4	8		4	326 95
72494 SAN FRANCISCO/INTL, CA.	3737N	12223W	5	1014.7	1015.3	19.1	1.4	14.8	1.9	1	5	0	4	
72503 NEW YORK/LA GUARDIA, NY.	4046N	07354W	9	1015.9	1017.1	20.4	0.3	16.3	0.3	7	48	-43	2	204 90
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19	1015.4	1017.5	17.6		15.6		6	58		2	272 120
72508 HARTFORD/BRADLEY INTL, CT.	4156N	07241W	55	1010.3	1016.6	17.8		15.7		8	54		2	210 90
72509 BOSTON/LOGAN INTL, MA.	4222N	07102W	9	1016.0	1017.0	18.1	0.0	15.6	0.6	6	42	-45	2	246 100
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289	983.0	1017.5	16.4		14.3		12	80			181 90
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497	958.6	1017.3	14.4		13.7		11	72			185 90
72517 ALLEGHENY/A.-BETHLEHEM-.,PA.	4039N	07526W	117	1003.1	1017.3	17.3		15.3		7	50		1	243
72518 ALBANY/ALBANY CO., NY.	4245N	07348W	89	1006.6	1017.2	16.5	-0.4	14.3		6	46	-41	1	209 100
72519 SYRACUSE/HANCOCK, NY.	4307N	07607W	124	1001.3	1016.2	16.2		14.7		12	88		4	153 80
72520 PITTSBURGH/GREATER PITTS.,PA.	4030N	08013W	373	973.7	1017.5	17.6	-1.3	16.4		14	152	80	5	133 70
72521 AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377	973.8	1017.8	17.1		15.6		11	229		6	
72525 YOUNGSTOWN, OH.	4116N	08040W	361	974.4	1017.4	16.6		15.6		12	132		5	
72528 BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215	991.0	1016.6	16.5	-0.1	14.7	0.2	10	93	2	3	168 80
72529 ROCHESTER/R-MONROE CTY., NY.	4307N	07740W	169	996.4	1016.8	15.9		14.4		11	85		4	226 105
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205	992.7	1017.0	18.8		16.2		4	26		2	188 80
72532 PEORIA/GREATER PEORIA, IL.	4040N	08941W	202	993.6	1017.5	18.9		17.7		5	26		1	230 100
72533 FORT WAYNE/MUN.,BAER FL.,IN.	4100N	08512W	252	987.7	1017.6	18.2		16.8		7	38		2	286 110
72535 SOUTH BEND/ST.JOSEPH CO.,IN.	4142N	08619W	236	988.8	1016.9	18.3		16.1		10	96		4	
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211	992.6	1017.2	17.6		15.6		7	44			212 95
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202	992.6	1016.6	18.1	0.0	15.2		9	154	92	6	228 100
72544 MOLINE/QUAD CITY, IL.	4127N	09031W	181	995.8	1017.2	19.4		17.2		6	26		1	254 110
72546 DES MOINES/MUN., IA.	4132N	09339W	294	982.5	1017.0	20.1	1.5	16.6	2.1	4	36	-42	2	283 120
72553 OMAHA, NE.	4122N	09601W	406	969.4	1016.7	21.1	2.5	14.8		5	24	-67	1	
72556 NORFOLK/KARL STEFAN, NE.	4159N	09726W	473	961.4	1016.4	19.9		13.8		4	26		2	
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336	977.2	1016.7	19.9		15.0		3	22		1	291 120
72562 NORTH PLATTE/LEE BIRD, NE.	4108N	10041W	849	920.0	1016.4	19.8	3.2	11.7	0.8	2	8	-34	1	312 121
72564 CHEYENNE, WY.	4109N	10449W	1872	816.8	1017.5	16.8		9.4		6	20		3	
72569 CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612	841.2	1016.6	17.3		7.9		2	13		3	
72572 SALT LAKE CITY/INTL, UT.	4047N	11158W	1288	872.6	1013.9	22.2	3.9	10.7	2.7	5	14	-9	3	279 90
72576 LANDER/HUNT, WY.	4249N	10844W	1694			18.2				3	38		5	247 90
72578 POCATELLO/NUM., ID.	4255N	11236W	1365	865.1	1015.4	18.7		8.3		3	8		3	305 105
72583 WINNEMUCCA/MUN., NV.	4054N	11748W	1322			18.6	3.3	5.7	0.0	2	5	-4	3	
72594 EUREKA, CA.	4048N	12410W	18	1014.8	1017.0	16.4	2.6	15.3		1	5	-13	1	
72597 MEDFORD/MEDFORD-JACKSON, OR.	4222N	12252W	405	968.9	1015.9	20.8	2.4	10.7	0.9	1	3	-17	1	
72605 CONCORD/MUN., NH.	4312N	07130W	105	1004.3	1016.7	15.4		14.3		7	59		2	249 115
72606 PORTLAND/INTL JET PORT, ME.	4339N	07019W	19	1014.0	1016.3	15.4		14.2		9	79		3	205 90
72617 BURLINGTON/INTL, VT.	4428N	07309W	104	1004.0	1016.5	15.2	0.3	13.4	-0.1	6	52	-29	2	176 85
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245	987.3	1016.3	17.1		15.6		9	107		231	110
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193	993.8	1016.5	16.8		15.2		8	96		4	
72637 FLINT/BISHOP, MI.	4258N	08345W	233	988.8	1016.6	16.4		14.2		9	78		4	
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211	991.1	1016.2	18.9		15.9		8	48		3	250 115

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL mm	DEPARTURE	QUINTILE
N AMERICA														
USA	0°	0°	m	mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	%
72641 MADISON/DANE COUNTY REG., WI.	4308N	08920W	264	985.3	1016.6	17.6	1.9	15.9		3	42	-32	3	235 110
72644 ROCHESTER/MUN., MN.	4355N	09230W	402	969.6	1016.7	16.9		15.3		3	33			
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214	990.8	1016.4	16.5		15.0		5	130	5	165	80
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435	965.4	1016.4	19.2		13.7		3	12	1		
72654 HURON/HURON REGIONAL, SD.	4423N	09813W	393	969.2	1015.3	19.2	3.4	12.5		4	15	-22	1	316 125
72658 MINNEAPOLIS/ST.PAUL INTL, MN.	4453N	09313W	255	986.1	1016.5	18.0	2.4	14.4		6	48	-15	3	291 125
72662 RAPID CITY/REG., SD.	4403N	10304W	966	907.1	1016.6	18.8	2.7	9.8	1.5	4	62	36	5	268 100
72666 SHERIDAN/COUNTY, WY.	4446N	10658W	1209		1016.9	17.9	3.6	8.1	0.3	2	6	-23	1	
72677 BILLINGS/LOGAN INTL, MT.	4548N	10832W	1088	893.8	1016.1	19.2		8.4		1	2	1	303	120
72681 BOISE/MUN., ID.	4334N	11613W	874	915.8	1014.5	21.1	3.8	8.4	1.0	1	13	-2	3	322 105
72688 PENDLETON, OR.	4541N	11851W	456	963.1	1016.1	20.1		9.3		0	0	1		
72698 PORTLAND/INTL, OR.	4536N	12236W	12	1016.3	1017.7	19.4	1.5	14.7	2.1	1	9	-40	1	210 90
72712 CARIBOU/MUN., ME.	4652N	06801W	190			11.9	0.0	11.6	0.7	9	96	2	4	
72734 SAULT STE. MARIE, MI.	4628N	08422W	221	989.5	1016.1	12.8	0.2	12.3	0.2	8	100	4	4	182 105
72743 MARQUETTE, MI.	4632N	08733W	434	964.7	1016.5	12.1	-1.9	12.0		14	121	31	4	
72745 DULUTH/INTL, MN.	4550N	09211W	432	965.2	1016.8	13.4	1.2	12.3	1.5	14	165	82	5	180 92
72747 INT. FALLS/FALLS INTL, MN.	4834N	09323W	361			13.1	1.5			10	31	-50	1	
72753 FARGO/HECTOR FIELD, ND.	4654N	09648W	274	983.7	1016.4	16.8		11.6		4	44	3	3	264 110
72764 BISMARCK/MUN., ND.	4646N	10045W	506	957.0	1016.4	16.5	2.4	10.7	1.2	7	32	-3	3	299 120
72767 WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581	948.3	1016.3	16.6		8.8		4	8	1	1	282 115
72768 GLASGOW/INTL, MT.	4813N	10637W	700	935.2	1016.4	17.8		7.6		1	3	1		
72772 HELENA/COUNTY-CITY, MT.	4636N	11200W	1188	883.9	1017.7	17.6	4.7	7.8		1	3	-17	1	344 135
72773 MISSOULA/JOHNSON-BELL F., MT.	4655N	11405W	972	907.4	1018.4	17.0		9.1		1	2	1	1	349 135
72775 GREAT FALLS/INTL, MT.	4727N	11912W	1115	890.9	1016.7	16.9	2.9	7.6	0.3	2	2	-25	0	
72781 YAKIMA/YAKIMA AIR TERM., WA.	4634N	12032W	325	977.8	1016.0	18.6		10.4		1	1	1	1	
72785 SPOKANE/INTL, WA.	4738N	11732W	721	933.5	1016.4	18.5	3.3	8.7	0.1	0	0	-18	0	362 135
72791 ASTORIA/CLATSOP, OR.	4609N	12353W	7	1017.8	1018.6	16.0		14.8		2	17			
72792 OLYMPIA, WA.	4658N	12254W	61	1011.5	1018.8	16.2	1.6	13.2	1.1	1	1	-67	1	
72793 SEATTLE/S.-TACOMA, WA.	4727N	12218W	137	1002.0	1018.4	17.4		13.9		1	1			226 105
72797 QUILLAYUTE, WA.	4756N	12433W	62	1011.5	1019.1	15.5	1.7	13.8	1.5	1	10	-146	1	
74492 BLUE HILL OBS., MA.	4213N	07107W	195	992.8	1016.5	16.7	0.0	15.0	0.1	6	47	-55	1	218 105
CANADA														
71043 NORMAN WELLS, N.W.T.	6517N	12648W	73	1000.2	1009.4	6.3	0.2	7.1	-0.2	9	75	46	6	116 95
71072 MOULD BAY A, N.W.T.	7614N	11919W	12	1006.6	1008.2	-5.5	1.0	3.7	0.0	9	35	21	5	56 120
71081 HALL BEACH, N.W.T.	6847N	08115W	8	1006.3	1007.4	-1.0	-0.4	5.0	-0.3	3	10	-17	1	
71082 ALERT, N.W.T.	8230N	06220W	63	1002.6	1011.3	-9.5	0.7	2.9	0.3	6	21	-7	2	128 155
71090 CLYDE, N.W.T.	7028N	06837W	25	1004.4	1007.8	-0.5	-0.3	5.2	0.0	11	28	-9	3	78 90
71101 SANDSPIT, B.C.	5315N	13149W	6	1018.8	1019.6	13.7	0.8	13.5	1.4	8	71	-19	2	142 100
71109 PORT HARDY, B.C.	5041N	12722W	22	1017.5	1020.1	12.5	0.7	12.5	0.7	4	39	-97	1	167 120
71600 SABLE ISLAND, N.S.	4356N	06001W	4	1016.5	1017.0	16.1	0.4	15.9	0.9	10	76	-16	3	183 115
71601 SHEARWATER, N.S.	4438N	06330W	41	1010.3	1016.4	14.8	0.3	13.9	0.5	7	97	10	4	172 95
71624 TORONTO INTL AIRPORT, ONT.	4341N	07938W	176	994.9	1015.7	15.3	-0.1	13.7	0.1	8	43	-21	2	
71627 MONTREAL/DORVAL INTL, QUE.	4528N	07345W	36	1010.8	1015.1	14.1	-0.7	12.3	-0.8	7	79	-9	3	118 70
71707 SYDNEY, N.S.	4610N	06003W	60	1008.9	1016.5	13.7	0.2	13.1	0.6	12	153	66	5	175 105
71717 CHATHAM, N.B.	4701N	06527W	34	1010.9	1015.0	12.5	-0.5	11.7	0.5	6	47	-38	1	155 85
71722 MANIWAKI, QUE.	4623N	07558W	170	994.6	1015.3	11.9	-0.1	12.0	0.3	14	76	-21	2	120 80
71727 BAGOTVILLE, QUE.	4820N	07100W	163	995.2	1014.5	10.7	-0.4	10.2	0.0	17	114	14	4	
71731 NORTH BAY, ONT.	4622N	07925W	369	971.1	1015.5	11.3	-0.9	11.5	-0.2	15	148	32	4	124 80
71803 GANDER INTL AIRPORT, NFLD.	4857N	05434W	147	998.0	1016.3	12.5	1.1	11.8	1.4	11	82	1	3	179 125
71811 SEPT-ILES, QUE.	5013N	06616W	55	974.1	980.7	8.9	-0.3	9.2	0.1	11	127	15	4	158 100
71815 STEPHENVILLE, NFLD.	4832N	05833W	26	1012.5	1015.7	12.9	1.0	12.3	1.2	12	129	24	4	141 105
71816 GOOSE, NFLD.	5319N	06025W	44	1005.9	1011.9	8.5	-0.6	8.5	0.3	12	80	-9	3	112 95
71831 KAPUSKASING, ONT.	4925N	08228W	229	987.7	1015.4	14.4	4.4	9.6	-0.3	12	91	-3	3	
71836 MOOSONEE, ONT.	5116N	08039W	10	1012.6	1013.9	7.9	-1.5	9.0	-0.5	14	100	20	4	
71848 BIG TROUT LAKE, ONT.	5350N	08952W	222	998.1	1015.9	7.3	-0.8	8.1	-0.4	7	31	-43	1	131
71852 WINNIPEG INTL AIRPORT, MAN.	4955N	09714W	240	987.0	1015.9	13.9	1.5	10.6	0.2	6	32	-21	2	214 115
71863 REGINA, SASK.	5026N	10440W	574	948.8	1017.3	14.5	2.9	7.7	-0.9	2	6	-31	1	264 190
71867 THE PAS, MAN.	5358N	10106W	271	982.6	1015.6	11.3	1.6	9.0	-0.2	2	20	-37	1	214 135
71874 LETHBRIDGE, ALTA..	4938N	11248W	920	911.2	1017.4	16.0	3.3	7.7	-0.4	2	5	-32	1	312 145
71879 EDMONTON MUNICIPAL, ALTA.	5334N	11331W	676	937.7	1016.6	13.8	2.8	8.9	0.0	5	14	-25	1	272 150
71892 VANCOUVER INTL AIRPORT, B.C.	4911N	12311W	2	1018.2	1018.5	16.0	1.8	14.7	1.7	2	43	-24	2	218 120
71896 PRINCE GEORGE, B.C.	5353N	12241W	691	937.4	1019.3	11.8	2.1	8.5	-0.6	2	9	-50	0	242 150
71906 KUUKJUAQ, QUE.	5806N	06825W	37	1005.5	1010.3	3.9	-1.5	5.8	-1.4	9	48	-10	2	85 85
71907 INUKJUAQ, QUE.	5827N	07807W	8	1010.1	1010.9	3.0	-2.0	6.4	-1.1	9	56	-3	3	74 85

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE	TOTAL hr
N AMERICA															
CANADA	0°	0°	m	mb	0°C	mb	mb	mb	mm	mm	mm	mm	mm	hr	%
71909 FROBISHER BAY, N.W.T.	6345N	06833W	34	1004.2	1008.4	2.0	-0.3	5.6	-0.1	8	45	-1	3	96	115
71913 CHURCHILL, MAN.	5845N	09404W	29	1009.0	1012.4	5.7	0.3	7.5	0.4	12	52	1	3	101	90
71915 CORAL HARBOUR, N.W.T.	6412N	08322W	64	1000.5	1008.7	2.4	1.5	5.5	-0.2	10	60	26	5	67	60
71917 EUREKA, N.W.T.	8000N	08556W	10	1008.6	1010.0	-5.8	2.5	3.6	0.6	2	6	-4	2	107	105
71924 RESOLUTE, N.W.T.	7443N	09459W	67	1000.2	1009.0	-4.9	0.2	4.1	0.2	6	27	9	4	73	125
71925 CAMBRIDGE BAY, N.W.T.	6906N	10507W	.27	1005.2	1008.8	-0.5	0.1	5.5	0.2	8	25	8	5	57	70
71926 BAKER LAKE, N.W.T.	6418N	09600W	18	1007.7	1010.1	-1.9	-4.2	6.2	0.1	6	31	-6	2	72	65
71934 FORT SMITH, N.W.T.	6001N	11158W	203	986.9	1012.1	8.6	1.1	8.1	0.2	12	48	7	5	159	120
71938 COPPERMINE, N.W.T.	6749N	11509W	22	1006.6	1009.4	3.3	0.9	6.1	-0.1	8	44	21	5	112	160
71945 FORT NELSON, B.C.	5850N	12236W	382	966.9	1013.0	11.4	2.7	8.2	0.0	4	16	-26	1	213	
71957 INUVIK, N.W.T.	6818N	13329W	68	999.8	1008.4	3.2	0.2	5.6	-0.5	5	32	8	4	124	115
71964 WHITEHORSE, Y.T.	6043N	13504W	703	928.3	1011.9	8.9	1.4	6.8	-0.2	5	24	-6	3	129	95
ST. PIERRE AND MIQUELON															
71805 SAINT-PIERRE	4646N	05610W	5	30	1016.6	1017.2	13.9	1.1	13.4	0.9	30	84	-24	2	105
BAHAMAS															
78073 NASSAU AIRPORT	2503N	07728W	7	30	1014.2	1015.0	27.8	0.7	29.3	0.1	11	108	-67	2	114
CUBA															
78325 CASA BLANCA, HABANA	2310N	08221W	50	1008.7	1014.4	27.0	0.1	28.9	0.5	9	241	97	5		
JAMAICA															
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8	1012.7	1013.6	28.1	0.8	28.2	2.4	16	139	19	4	249	115
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14	1011.0	1012.6	28.4	0.3	27.4	-0.2	7	45	-67	2	242	110
HAITI															
78437 PORT-AU-PRINCE (DAMIEN)	1836N	07217W	20	30	1011.2	1012.9	28.4	0.2	30.7	2.6	18	155	285	3	114
PUERTO RICO AND US POSS															
78526 SAN JUAN/INTL, PUERTO RICO	1826N	06600W	19	1011.6	1013.6	28.5	0.8	29.3	2.2	11	59	-93	1		
HONDURAS															
78701 GUANAJA	1628N	08555W	2	1012.5	1012.5	29.7	1.0	33.1	1.5	11	135	2	4		
78705 LA CEIBA (AIRPORT)	1544N	08652W	26	1011.4	1012.7	26.4	-0.5	28.7	1.8	343	160	6			
78708 LA MESA (SAN PEDRO SULA)	1527N	08756W	31	1006.4	1009.9	29.1	1.9	28.2	0.0	16	102	-57	2		
78714 CATACAMAS	1454N	08556W	442	968.6	1013.9	25.8	0.9	25.9	1.4	14	127	-56	1		
78717 SANTA ROSA DE COPAN	1447N	08847W	1079	895.1	1012.7	21.6	0.6	21.3	-0.1	22	260	-38	3		
78720 TEGUCIGALPA	1403N	08713W	1007	902.8	1011.6	23.2	1.2	20.0	1.4	15	102	-88	1	171	90
78724 CHOLUTECA	1318N	08711W	48	1005.4	1010.8	28.3	1.7	24.6	-3.5	21	250	-131	2	239	120
COSTA RICA															
78760 PUNTARENAS	0958N	08450W	3	30	1011.4	1011.4	26.7	-0.1	29.8	-0.1	17	299	48	4	
78762 JUAN SANTAMARIA	1000N	08413W	939	30	909.8	1010.6	23.0	1.9	22.4	1.1	19	287	-54	2	115
78767 PUERTO LIMON	1000N	08303W	3	30	1010.5	1010.5	26.1	-0.1	30.2	1.4	13	181	51	4	115
ST. MAARTEN; ST. EUST., SABA															
78866 JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9	30	1013.7	1014.2	29.1	0.5	30.2	1.0	17	89	-37	1	109
TRINIDAD AND TOBAGO															
78970 PIARCO INTL AIRPORT, TRINIDAD	1037N	06121W	15	1009.9	1012.4	27.1	0.8	29.3	0.9	15	137	-49	2	224	111
CURACAO AND BONAIRE															
78988 HATO AIRPORT, CURACAO	1212N	06858W	67	1010.4	1011.3	29.2	0.5	30.9	1.2	2	9	-28	1	265	101
COLOMBIA															
80001 SAN ANDRES (ISLA)	1235N	08143W	6	30	1010.8	1010.9	27.9	0.2	32.1	1.2	17	210	-26	3	195
S AMERICA															
COLOMBIA															
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14	30	1007.4	1007.9	28.5		29.0		6	49			276
80022 CARTAGENA/CRESPO	1027N	07531W	12	30	1010.1	1010.3	28.3		31.7		8	88			188
80028 BARRANQUILLA/ERNESTOCORTISSO	1054N	07446W	30	30			28.7	1.1	31.1	0.9	8	90	-54	1	186
80084 APARTADO	0748N	07642W	30	30			27.6		29.1		18	162			118

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE				
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL	% OF AV.		
S AMERICA																		
COLOMBIA				0°	0°	0°	mb	mb	°C	°C	mb	mb	mb	b	b	%		
80091	BARRANCABERMEJA/YARIGUIES	0701N	0734BW	134	30				27.7	0.0	29.1	1.0	15	377	107	4	189	
80094	BUCARAMANGA/PALONEGRO	0706N	0731ZW	1189	30				21.5		21.7	9	78	-	-	157		
80097	CUCUTA/CAMILO DAZA	0756N	0723ZW	317	30	974.2	1008.8	28.6	0.4	25.6	2.2	7	60	-12	3	223	214	
80099	ARAUCA/SANTIAGO PEREZ	0704N	0704ZW	128	30	989.2	1003.7	26.7		28.8		10	150	-	-			
80112	RIONEGRO/J.M.CORDOVA	0611N	0752ZW	2142	30	790.3		17.2		13.8		15	184	-	-			
80139	PUERTO CARRENO	0610N	0673ZW	55	30			27.0		29.2		12	147	-	-			
80144	QUIBDO/EL CARANO	0543N	0763ZW	33	30			26.6		29.4		27	761	-	-			
80210	PEREIRA/MATECANA	0449N	0754ZW	1342	30	865.2		22.0		18.3		10	136	-	-			
80214	IBAGUE/PERALES	0426N	0750ZW	928	30			24.7		21.3		8	65	-	-		206	
80222	BOGOTA/ELDORADO	0442N	0740ZW	2548	30	753.6		13.6	0.7	11.4	-0.2	7	76	17	4	144		
80234	VILLAVICENCIO/VANGUARDIA	0410N	0733ZW	431	30			25.7		24.8		16	240	-	-		185	
80241	GAVIOTAS	0433N	0705ZW	167	30	989.2	1008.5	25.4		26.9		14	138	-	-		175	
80251	BUENAVENTURA/COLPUERTOS	0355N	0770ZW	10	30			26.0		30.0			1137	-	-		121	
80259	CALI/PALMASECA	0333N	0762ZW	969	30			24.5	0.6	20.4	0.5	1	2	-62	0	186		
80315	NEIVA/LA MANGUITA	0258N	0751ZW	443	30	958.3	1006.5	29.9	1.0	18.9	-3.5	3	6	-51	0	193		
80337	TUMACO/EL MIRA	0134N	0784ZW	5	30			25.0	0.3	27.8	0.2	8	57	-67	1	57		
80342	PASTO/ANTONIO NARINO	0125N	0771ZW	1826	30	820.4		20.7		14.2		2	12	-	-		209	
80370	IPIALES/SAN LUIS	0049N	0773ZW	2961	30			10.5	0.0	10.1		4	16	-40	0	140		
80398	LETICIA/VASQUEZ COBO	0410S	0695ZW	84	30	1001.8	1011.4	26.1	0.2	27.2	-0.3	11	179	-59	2	195		
GUYANA																		
81001	GEORGETOWN	0648N	0580ZW	2	30	1011.1	1011.5	27.9	0.0	30.5	1.2	4	43	-77	2			
81002	TIMEHRI	0630N	0581ZW	30	30	1008.5	1012.0	26.1	0.1	28.2	0.0	11	130	-26	2			
BRAZIL																		
82106	S.GABRIEL DO CACHOEIRA(UAU.)	0008S	0670ZW	90		1004.4	1010.9	25.9	0.4	29.1	2.4	10	126	-51	2			
82191	BELEM	0127S	0482ZW	24		1011.4	1012.1	26.4	0.3	29.4	0.9	21	90	-43	2			
82212	FONTE BOA	0232S	0661ZW	55		1003.1	1009.3	27.4		32.2		12	103	-	-			
82246	BELTERRA	0238S	0545ZW	176		992.9	1013.1	25.1		29.4		10	60	-	-			
82280	SAO LUIZ	0232S	0441ZW	51		1005.9	1011.8	26.5	0.2	27.8		4	24	-13	3			
82287	PARNAIBA	0255S	0413ZW	22				27.6		25.1		0	0	-	-			
82331	MANAUS	0308S	0600ZW	72		1003.4	1011.6	27.9	0.1	27.2	-0.6	5	23	-39	1			
82397	FORTALEZA	0344S	0383ZW	19		1009.9	1013.0	26.6	0.2	25.9	0.6	4	36	-15	5			
82410	BENJAMIN CONSTANT	0423S	0700ZW	65		1004.4	1011.9	25.9	-0.6					-	-			
82445	ITAITUABA	0416S	0555ZW	45		1008.3	1013.5	26.8		34.9		12	59	-	-			
82562	MARABA	0521S	0490ZW	102		1000.7	1011.8	27.3		29.1		5	79	-	-			
82571	BARRA DO CORDA	0530S	0451ZW	153		993.6	1012.7	27.2	0.1	25.8	0.9	6	55	32	5			
82578	TEREZINA	0505S	0424ZW	74		1001.8	1012.0	28.2	-0.7	24.0	2.0	5	60	51	6			
82640	JACAREACANGA	0616S	0574ZW	98		999.2	1010.5	27.1		29.6		7	77	-	-			
82678	FLORIANO	0646S	0430ZW	123				1013.2		19.6	0.4	3	8	-16	3			
82704	CRUZEIRO DO SUL	0738S	0724ZW	170		988.5	1008.2	26.3	1.0	24.9	-1.9	13	269	141	6			
82765	CAROLINA	0720S	0472ZW	192		989.7	1013.4	28.3	0.9	26.0	-0.5	4	43	-14	3			
82784	BARBALHA	0719S	0391ZW	409	30	966.4	1012.5	26.4		16.7		4	32	-	-			
82791	PATOS	0701S	0371ZW	249		983.6	1012.0	29.5		21.3		0	0	-	-			
82825	PORTO VELHO	0846S	0630ZW	95		999.5	1006.4	25.5	-1.2	26.1	-2.6	8	87	-45	1			
82861	CONCEICAO DO ARAGUAIA	0815S	0491ZW	160				27.4	0.0	36.7	9.5	7	129	72	5			
82900	RECIFE (CURADO)	0803S	0345ZW	7		1014.4	1015.4	24.9	0.2	25.7	1.5	17	116	17	4			
82915	RIO BRANCO	0958S	0674ZW	136				26.3		25.0		9	116	-	-			
82983	PETROLINA	0923S	0402ZW	370		971.7	1013.0	27.0	0.8	17.6	-0.3	0	0	-6	3			
83096	ARACAJU	1055S	0370ZW	6		1013.8	1014.5	25.6	0.9	25.8	1.4	15	157	66	5			
83186	JACOBINA	1111S	0402ZW	484		959.7	1016.6	24.6		19.3		5	34	-	-			
83208	VILHENA	1244S	0600ZW	652		944.0	1012.2	23.9		23.3		7	102	-	-			
83229	SALVADOR	1301S	0383ZW	51		1008.7	1014.6	24.3	0.2	26.2	3.7	13	134	47	4			
83236	BARREIRAS	1209S	0450ZW	440		961.9	1011.0	28.2		18.5		3	6	-	-			
83242	LENCOIS	1234S	0412ZW	438		966.0		22.2		21.5		6	34	-	-			
83264	VERA (GLEBA CELESTE)	1212S	0563ZW	415		970.6	1012.0	24.4		27.2		6	102	-	-			
83288	BOM JESUS DA LAPA	1316S	0432ZW	440		962.3	1013.3	27.2	-0.1	17.2	0.8	1	2	-20	2			
83361	CUIABA	1533S	0560ZW	179		995.2	1015.6	24.8	-2.4	26.4	5.2	8	170	121	6			
83377	BRASILIA	1547S	0475ZW	1158		887.9	1013.3	20.7	-0.9	15.8	1.8	6	99	50	5			
83492	TEOFILO OTONI	1751S	0413ZW	356		978.6	1017.3	22.2		17.6		4	49	-	-			
83498	CARAVELAS	1744S	0391ZW	3		1017.6	1018.1	24.0	1.1	20.6	-1.4	12	102	12	4			
83512	COXIM	1830S	0544ZW	286		981.2	1014.5	15.9		24.2		9	226	-	-			
83552	CORUMBA	1900S	0573ZW	130		996.4	1014.1	23.6	-1.6	20.0	-3.6	6	52	4	4			
83579	ARAXA	1934S	0465ZW	1004		902.0	1015.0	24.7	4.7	18.4	1.1	6	44	-21	2			
83587	BELO HORIZONTE	1950S	0435ZW	850		914.7	1015.7	20.4	-0.8	15.0	-1.9	3	37	1	3			

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STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS	TOTAL	DEPARTURE	QUINTILE
S AMERICA													
BRAZIL	0°	0°	#	#	#	0°C	0°C	#	#	#	#	#	#
83592 CARATINGA	1948S	04209W	609	948.7	1016.9	19.8	-	16.8	-	5	49	-	4
83611 CAMPO GRANDE	2028S	05440W	560	954.9	1014.9	21.1	-1.1	16.1	-2.3	8	251	141	6
83618 TRES LAGOAS	2047S	05138W	313	979.4	1016.9	21.0	-2.3	16.5	-2.0	10	76	-13	3
83648 VITORIA	2019S	04020W	36	1015.2	1019.3	22.1	-	19.4	-	5	35	-	2
83676 CATANDUVA	2108S	04958W	536	952.5	1016.0	20.5	-	16.0	-	5	31	-	3
83702 PONTA PORA	2232S	05544W	650	938.5	1015.9	18.2	-1.3	14.7	-1.7	8	175	78	5
83743 RIO DE JANEIRO	2255S	04310W	5	1018.5	1018.9	21.6	-0.6	20.9	1.2	8	134	81	5
83766 LONDRINA	2323S	05111W	566	950.5	1015.9	18.0	-2.1	15.1	-1.0	8	108	6	3
83781 SAO PAULO	2330S	04637W	792	927.3	1017.0	13.7	-4.2	14.0	-2.1	9	95	29	4
83836 IRATI	2528S	05038W	837	921.0	1017.4	13.8	-	12.5	-	10	184	-	-
83842 CURITIBA	2526S	04916W	923	914.2	1018.1	13.8	-1.4	13.1	-1.3	9	121	-3	3
83881 IRAI	2711S	05314W	247	986.9	1017.4	16.0	-	15.2	-	16	252	-	5
83897 FLORIANOPOLIS	2735S	04834W	2	1018.3	1018.5	17.4	-0.6	16.5	-	16	143	21	4
83967 PORTO ALEGRE	3001S	05113W	47	1012.9	1018.8	15.2	-1.9	14.3	-1.3	15	233	101	5
83980 BAGE	3120S	05406W	217	-	-	13.6	-	-	-	14	120	-	3
83997 ST. VITORIA DO PALMAR	3331S	05321W	24	1015.8	1020.3	12.4	-1.3	12.8	-0.6	7	116	9	4
PERU	-	-	-	-	-	-	-	-	-	-	-	-	-
84370 TUMBES	0333S	08024W	27	1009.5	1012.4	22.3	-	22.0	-	0	0	-	-
84390 TALARA	0434S	08115W	90	1002.8	1013.1	19.0	0.7	17.2	0.4	0	0	0	5
84452 CHICLAYO	0647S	07950W	34	1010.5	1013.6	18.4	0.2	16.1	0.3	0	0	-1	5
84474 JUANJUI	0713S	07643W	363	979.9	1019.0	27.2	-1.4	26.1	-0.4	10	141	30	5
84501 TRUJILLO	0806S	07902W	30	1011.2	1014.2	16.5	-0.3	14.1	-2.2	0	0	-T	0
84531 CHIMBOTE	0910S	07831W	21	1013.7	1014.9	18.0	0.4	16.1	-0.2	0	0	-10	0
84534 TINGO MARIA	0908S	07557W	665	938.5	1009.8	25.4	0.9	23.3	-0.8	7	94	-54	2
84542 ANTA (HUARAZ)	0921S	07736W	2760	736.1	-	21.2	-	11.9	-	1	7	-	-
84564 HUANUCO	0954S	07545W	1860	816.6	-	21.3	0.5	15.8	1.0	1	5	-19	2
84628 LIMA-CALLAO/AEROP. INTL	1200S	07707W	13	1012.7	1014.4	16.2	0.1	15.0	-0.7	1	1	0	4
84658 PUERTO Maldonado	1238S	06912W	266	989.2	1017.8	25.0	-1.7	23.5	-0.9	9	136	59	5
84686 CUZCO	1333S	07159W	3249	688.5	-	12.0	-0.5	7.9	-0.2	4	23	2	3
84691 PISCO	1345S	07617W	7	1011.7	1012.4	16.6	0.1	14.9	-0.2	0	0	0	0
84721 SAN JUAN	1523S	07510W	60	1007.3	1014.4	16.1	0.3	14.8	0.6	0	0	-1	4
84782 TACNA	1804S	07018W	458	963.0	1016.3	14.8	-0.3	12.9	0.0	0	T	-10	2
CHILE	-	-	-	-	-	-	-	-	-	-	-	-	-
85406 ARICA	1821S	07020W	55	30	1008.8	1016.3	16.5	0.3	14.5	0.1	0	0	0
85442 ANTOFAGASTA	2326S	07027W	140	30	1001.6	1015.8	15.3	1.0	13.5	0.8	0	0	5
85469 ISLA DE PASCUA	2710S	10926W	69	30	1014.9	1020.5	19.4	1.0	18.5	2.2	6	66	-17
85488 LA SERENA	2955S	07112W	146	30	1000.1	1017.4	11.9	0.3	11.0	-0.3	1	1	-4
85585 ISLA ROBINSON CRUSOE	3337S	07850W	30	30	1016.7	1020.3	13.1	0.8	11.6	0.9	10	152	72
85766 VALDIVIA	3938S	07305W	19	30	1015.0	1017.3	8.8	0.2	9.5	-0.4	16	267	70
85799 PUERTO MONTT	4126S	07306W	90	30	1006.3	1016.4	8.1	0.2	9.3	0.1	17	185	40
85934 PUNTA ARENAS	5300S	07051W	44	30	1001.5	1008.3	4.0	-0.1	7.2	1.0	8	41	16
PARAGUAY	-	-	-	-	-	-	-	-	-	-	-	-	-
86068 MARISCAL ESTIGARRIBIA	2201S	06036W	181	996.8	1017.1	22.5	-2.3	13.8	-	1	2	-18	1
86097 PEDRO JUAN CABALLERO	2235S	05539W	662	941.7	-	18.4	-2.5	16.2	-	5	87	-6	4
86134 CONCEPCION	2325S	05718W	74	1005.8	1015.9	20.0	-2.7	17.3	-	9	83	14	4
86210 SALTOS DEL GUAIRA	2403S	05419W	-	990.8	-	17.7	-	15.4	-	9	190	-	183
86218 ASUNCION/AEROPUERTO	2516S	05738W	101	1006.0	1017.3	19.4	-2.1	14.8	-0.4	5	227	146	6
86233 VILLARRICA	2545S	05626W	161	999.6	1018.4	19.0	-1.2	14.7	-1.1	7	284	163	5
86248 PUERTO PRESIDENTE STROESSNER	2532S	05436W	196	995.5	1017.4	17.7	-2.0	14.7	-1.8	8	330	197	6
86255 PILAR	2651S	05819W	56	1012.2	1018.9	18.4	-1.4	15.5	-0.2	5	65	-16	3
86260 SAN JUAN BAUTISTA MISIONES	2640S	05709W	126	1006.2	1020.6	18.4	-	13.5	-	5	79	4	203
86297 ENCARNACION	2719S	05550W	91	1009.8	1019.3	17.4	-1.8	13.9	-1.7	5	141	-4	3
URUGUAY	-	-	-	-	-	-	-	-	-	-	-	-	-
86330 ARTIGAS	3023S	05630W	123	1002.9	1017.8	14.9	-	12.9	-	6	86	-	-
86360 SALTO	3123S	05757W	34	1014.2	1018.1	14.8	0.2	12.2	4.0	4	63	-42	2
86440 MELO	3222S	05411W	100	1006.4	1018.7	13.2	-0.9	12.6	8	92	-36	3	
86460 PASO DE LOS TOROS	3248S	05631W	75	1009.7	1018.9	13.4	-1.1	11.4	6	61	-19	3	
86490 MERCEDES	3315S	05804W	22	1016.6	1018.7	13.1	-0.9	11.6	4	32	-30	2	
86500 TREINTA Y TRES	3313S	05423W	46	1013.6	1019.3	12.9	-0.8	11.9	9	107	-12	3	
86560 COLONIA	3427S	05750W	23	1016.4	1019.3	12.9	-1.3	10.9	4	80	7	4	
86565 ROCHA	3429S	05418W	18	1017.8	1020.2	11.5	-1.2	11.9	8	100	-2	3	

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE	QUINTILE	TOTAL hr
S AMERICA															
URUGUAY	0°	0°	m	m	mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	%
86580 CARRASCO	3450S	05600W	32	1015.5	1019.6	11.9	-1.5	10.7		4	64	-14	3		
ARGENTINA															
87007 LA QUIACA OBSERVATORIO	2206S	06536W	3459	672.4	3116 Z	9.0	0.1	2.8	-1.6	0	0	-3	0		
87016 ORAN AERO	2309S	06419W	357	973.5	1014.7	19.3		11.8		1	1	1	86	60	
87046 JUJUY AERO	2423S	06505W	904	914.2	1521 Y	16.1	-0.5	10.3	0.0	1	2	-5	3	245	120
87047 SALTA AERO	2451S	06529W	1221	879.3	1506 Y	13.5	-1.9	8.3	-1.8	1	5	0	4	232	129
87078 LAS LOMITAS	2442S	06035W	130	998.9	1014.0	19.7	-1.6	12.7	-0.9	4	18	-13	3	208	95
87121 TUCUMAN AERO	2651S	06506W	450	963.6	1015.7	15.9		11.2		3	24			204	
87155 RESISTENCIA AERO.	2727S	05903W	52	1010.4	1016.5	17.2	-1.4	14.0	-0.8	6	51	-13	3	170	148
87162 FORMOSA AERO	2612S	05814W	60	1007.7	1014.8	18.3	-1.4	15.9	-0.2	8	191	105	5	179	95
87166 CORRIENTES AERO.	2727S	05846W	62	1009.0	1016.4	17.3	-1.5	14.4	-0.4	8	57	-15	3	190	100
87178 POSADAS AERO.	2722S	05558W	125	1000.9	1016.7	17.2	-1.7	14.5	-0.9	12	228	80	4	148	98
87217 LA RIOJA AERO.	2923S	06649W	429	964.9	1014.3	16.7	-1.5	9.0	-0.6	1	2	-4	3	253	104
87222 CATAMARCA AERO.	2836S	06546W	454	960.8		16.8	-2.0	11.3	1.7	2	3	-7	3	216	
87257 CERES	2953S	06157W	88	1006.9	1017.3	14.7	-1.8	11.3	-1.7	2	14	-28	2	211	104
87270 RECONQUISTA AERO	2911S	05940W	53	1010.9	1017.3	15.8	-1.1	13.0	-1.6	3	37	-27	2	182	93
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70	1008.9	1017.3	15.3	-1.7	12.8	-0.9	7	120	0	4	157	115
87305 JACHAL	3015S	06845W	1165	884.4	1495 Y	11.2	-2.0	6.7	-0.6	0	0	-3	0	139	60
87311 SAN JUAN AERO	3134S	06825W	598	937.7		13.2	-1.2	5.9	-1.1	0	0	-3	3	222	86
87322 CHEPES	3120S	06636W	658	940.1	1015.6	14.7	-1.5	9.0	-0.4	1	13	2	3		
87328 VILLA DOLORES AERO	3157S	06508W	569	950.4	1015.9	15.6		7.9		3	40	5	217	90	
87736 RIO COLORADO	3901S	06405W	79			11.8		8.2		7	39	4	280		
87750 BAHIA BLANCA AERO	3844S	06210W	83	1010.4	1020.5	11.0	-0.2	8.1	-0.4	6	28	-16	2	120	75
87774 MAQUINCHAO	4115S	06844W	888	914.0	1477 Y	4.9	-1.5	5.8	0.7	7	29	20	6		
87784 SAN ANTONIO DESTE AERO	4044S	06457W	7			10.9	-1.0	8.0	0.9	2	18	1	4	209	108
87791 VIEDMA AERO	4051S	06301W	7	1016.0	1016.9	9.9	-1.1	10.9	3.3	3	29	3	4	179	80
87803 ESQUEL AERO	4258S	07109W	785	921.9		5.5	0.6	6.0	0.5	89	58	5	169		
87814 PASO DE INDIOS	4349S	06853W	460	957.9	1012.7	7.8	-1.3	6.0	0.5	11	36	23	5	109	
87860 COMODORO RIVADAVIA AERO	4547S	06730W	46	1006.9	1012.7	9.9	-0.2	6.4	0.6	3	12	1	4	118	78
87903 LAGO ARGENTINO AERO	5020S	07218W	220	982.6	1009.5	5.1	-0.2	4.7	-0.9	155	134	6			
87909 SAN JULIAN AERO	4919S	06747W	62	1003.6	1011.5	7.5	0.5	4.6	-1.2	7	31	15	5	181	
87912 SANTA CRUZ AERO	5001S	06834W	111	994.9	1008.5	6.5	0.4	5.3		6	39	28	6	130	
87925 RIO GALLEGOS AERO	5137S	06917W	19	1005.4	1007.8	5.7	0.6	5.9	-0.2	7	-4	3	135	96	
87938 USHUAIA B.A.	5448S	06819W	14	1002.8	1003.5	3.3	-0.8	5.8	-1.1	14	28	-16	2		
ANTARCTICA															
ARGENTINA (ANTARCTIC)															
88968 ISLAS ORCADAS D.N. (OBS.)	6045S	04443W	6	993.7	995.3	-6.2	-1.0								
89034 GENERAL BELGRANO II B.E.	7752S	03437W	0	950.4	983.6	-19.8								0	
SOUTH AFRICA (ANTARCTIC)															
89001 S.A.N.A.E. STATION	7018S	00221W	62	973.5	980.9	-27.9	-2.6							132	125
UNITED KINGDOM (ANTARCTIC)															
89062 ROTHERA POINT	6734S	06808W	17	993.1	995.2	-7.9		3.2						0	
89063 FARADAY (ARGENTINE ISLAND)	6515S	06416W	9	992.1	993.5	-6.2		3.6		552	1				
CHILE (ANTARCTIC)															
89056 CENTRO MET. ANTARTICO "PDTE.	6215S	05856W	10	992.6	993.7	-3.2	1.3	4.1							
89057 BASE ARTURO PRAT	6230S	05941W	5	992.5	993.3	-3.6		4.4		12	45				
89059 BASE BERNARDO O'HIGGINS	6319S	05754W	10	990.8	992.0	-4.5		3.4		14	81				
JAPAN (ANTARCTIC)															
89532 SYOWA	6900S	03935E	21	975.9	978.7	-23.5	-5.2	0.6							
AUSTRALIA (ANTARCTIC)															
89564 MAWSON	6736S	06253E	16	974.8	976.5	-19.2		0.6						119	
89571 DAVIS	6835S	07758E	13	974.4	976.1	-17.5	-0.5	0.8							
89611 CASEY	6616S	11032E	15	970.5	975.8	-15.6	-0.5	1.2	-0.2	5	18	-13	2	100	
FRANCE (ANTARCTIC)															
89642 DUMONT D'URVILLE	6640S	14001E	43	972.0	977.6	-17.0		1.1							

SW PAC-MALAYSIA

SURFACE

SEPTEMBER 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE					
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL	% OF AV.			
SW PACIFIC																			
MALAYSIA (PENIN. MALAYSIA)																			
48601 PENANG/BAYAN LEPAS	0518N	10016E	4	30	1010.0	1010.4	26.5	0.0	29.6	2.5	18	371	26	4	90				
48615 KOTA BHARU	0610N	10217E	5	30	1009.5	1010.1	26.9	0.2	28.9	0.8	13	265	73	5	184				
48647 KUALA LUMPUR/SUBANG	0307N	10133E	22	30	1007.9	1010.3	26.9	0.6	28.9	0.0	13	180	-5	3	161				
48657 KUANTAN	0337N	10313E	16	30	1008.5	1010.3	26.8	0.7	29.7	0.6	16	303	98	6	110				
48665 MALACCA	0216N	10215E	9	30	1009.5	1010.5	26.7	0.4	29.9	0.4	12	131	-62	2	100				
SINGAPORE																			
48698 SINGAPORE/CHANGI AIRPORT	0122N	10359E	16		1008.2	1010.1	27.2		29.9		16	205	3	153	95				
USA (PACIFIC OCEAN NORTH)																			
91165 LIHUE, KAUAI, HAWAII	2159N	15921W	45		1011.0	1016.1	26.7	0.7	25.9	0.8	11	51	-6	4	268				
91182 HONOLULU, OAHU, HAWAII	2121N	15756W	5		1014.3	1015.4	27.9	1.3	22.6	0.3	7	25	8	5	330				
91217 GUAM, MARIANA IS.	1333N	14450E	111						30.0	0.2	0				120				
91245 WAKE ISLAND AIRFIELD, WAKE I	1917N	16639E	4		1013.1	1013.5	28.5	0.4	29.6	0.2	15	63	-84	1	270				
91285 HILO/GEN. LYMAN, HAWAII,	1943N	15504W	11		1012.9	1015.5	25.1	0.7	25.0	1.1	28	469	301	6	150				
91334 TRUK, CAROLINE IS.	0728N	15151E	2		1009.5	1009.8	27.7	0.4	30.6	0.4	16	279	-57	2					
91348 PONAPE, CAROLINE ISLANDS.	0658N	15813E	46		1004.1	1009.3	26.8	0.0	30.2	1.4	23	676	282	5					
91366 KWAJALEIN/BUCH. MARSHALL IS.	0844N	16744E	8		1010.0	28.1	0.1	30.6	-0.1	23	337	59	5						
91376 MAJURO/MARSHALL IS. INTL	0705N	17123E	3		1009.6	1010.0	27.6	0.2	30.7	3.4	22	187	-145	1					
91408 KOROR, PALAU IS.	0720N	13429E	33		1005.9	1009.7	27.8	0.2			19	368	36	4					
91413 YAP, CAROLINE IS.	0929N	13805E	17		1007.1	1009.0	26.6	-0.7	30.6	0.4	18	370	35	4					
VANUATU																			
91554 PEKO A AIRPORT(ESPIRITU-SANTO)	1531S	16713E	56		1013.2	24.7	0.9	23.5			12	71	-96	2					
91557 BAUERFIELD (EFATE)	1742S	16818E	21		1012.1	1014.6	22.2		21.5		16	177							
91568 ANEITYUM	2014S	16946E	6		1016.0	21.3	-0.3	18.2			13	79	-49	2	142				
NEW CALEDONIA																			
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18		1013.6	1015.7	20.8	0.0	17.6	-0.5	1	17	-30	3	238				
91592 NOUMEA (NLLE-CALEDONIE)	2216S	16627E	72		1008.9	1017.4	20.2	-0.3	16.3	-1.0	8	38	-9	3	224				
NEW ZEALAND (KIRIBATI)																			
91610 TARAWA	0121N	17255E	4		1008.9	1009.3	28.1	0.0	30.6	2.3	23	310	206	5	185				
NEW ZEALAND (TUVALU)																			
91643 FUNAFUTI	0831S	17913E	2		1009.7	1009.9	28.3	0.4	30.5	0.3	14	112	-96	1	280				
FIJI																			
91680 NANDI	1745S	17727E	18		1010.6	1012.7	24.1	-0.2	23.5	2.2	7	70	-22	3	182				
91683 NAUSORI	1803S	17834E	7		1012.7	1013.6	22.1	-1.0	24.2	0.3	15	239	28	3					
NEW CALEDONIA (DETACHED IS.)																			
91753 HIHIIFO (ILE WALLIS)	1314S	17610W	27		1008.4	1011.5	27.3	0.7	29.1	1.2	13	109	-52	2	257				
USA (SAMOA)																			
91765 PAGO PAGO/INT. AIRPORT	1420S	17043W	3				27.0	0.7			11	96	-95	2					
NEW ZEALAND (COOK ISLANDS)																			
91843 RAROTONGA	2112S	15949W	7		1015.0	1015.8	22.7	0.5	21.2	0.4	6	94	-37	2	98				
FRENCH POLY. (MARQUESAS)																			
91925 ATUONA	0948S	13902W	52		1006.7	1012.7	25.5	0.3	25.9	1.9	12	91	24	4	205				
FRENCH POLY. (SOCIETY IS)																			
91930 BORA-BORA	1627S	15145W	3		1013.7	1014.0	25.7	0.3	27.5	3.5	14	103	21	4	203				
91938 TAHTI-FAAA	1733S	14937W	2		1014.1	1014.4	25.5	1.0	25.8	3.6	7	50	-7	3	215				
FRENCH POLY. (TUAMOTU IS)																			
91943 TAKAROA	1429S	14502W	3		1013.3	1013.6	27.1	1.1	26.8	1.3	5	20	-62	1	277				
91944 HAO	1804S	14057W	3		1014.7	1015.1	25.4	0.9	27.8	3.8	12	100	-4	3	224				
91945 HERERETUE	1952S	14500W	3		1015.2	1015.6	24.4	0.8	23.5	1.3	6	30	-56	1	223				
91948 RIKITEA	2308S	13458W	89		1006.8	1017.1	21.1	-0.6	20.6	0.7	12	105	-6	3	85				
FRENCH POLY. (AUSTRAL IS)																			
91954 TUBUAI	2321S	14929W	3		1016.2	1016.5	21.1	0.2	19.3	0.4	5	97	-27	3	189				

SW. PAC-FRENCH POLY.

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE				
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY S 1 MM	TOTAL	DEPARTURE				
SW PACIFIC																	
FRENCH POLY.(AUSTRAL IS)																	
91958 RAPA	2737S	14420W	2	1016.3	1016.6	17.8	-0.3	15.2	-0.9	14	235	40	5	149 115			
NEW ZEALAND																	
93012 KAITAIA	3508S	17316E	87	1008.6	1019.0	11.6	-0.8	10.4	-1.7	10	73	-15	1	191 115			
93119 AUCKLAND AIRPORT	3701S	17448E	6	1018.0	1018.7	12.1	-0.6	9.8	-0.7	9	120	28	4	200 112			
93291 GISBORNE AERODROME	3840S	17759E	8	1016.4	1017.4	10.9	-1.4	9.6	-1.7	7	66	-45	2	189 113			
93308 NEW PLYMOUTH AERODROME	3901S	17411E	36	1013.9	1018.3	10.0	-0.2	9.2	-0.7	12	123	-105	1	133 88			
93614 HOKITIKA AERODROME	4243S	17059E	40	1011.8	1018.0	9.7	-0.6	8.2	-0.6	9	47	6	4	205 121			
93780 CHRISTCHURCH AIRPORT	4329S	17233E	34	1011.9	1016.1	8.7	-0.3	8.1	-0.5	12	43	-34	1	159 110			
93844 INVERCARGILL AERODROME	4625S	16820E	1	1015.6	1015.7	8.3	-0.3	7.9	0.0	21	102	-41	3	31 56			
93944 CAMPBELL ISLAND	5233S	16909E	19	1002.1	1004.4	5.9	-0.4	7.9	0.0	21	102	-41	3	31 56			
93986 CHATHAM ISLAND	4357S	17634W	48	1009.5	1015.4	8.9	-0.3	9.7	-0.4	11	49	-17	2	140 128			
AUSTRALIA																	
94120 DARWIN AIRPORT	1224S	13052E	30	1009.9	1013.3	28.5	-0.7	21.2	-1.4	0	0	-12	2	294			
94150 GOVE AIRPORT	1216S	13649E	54	1008.2	1014.4	24.1	-0.9	20.9	0	0	0	0	0				
94175 THURSDAY ISLAND	1035S	14213E	61	1006.2	1013.1	25.6	-0.3	23.1	-1.1	1	4	1	4				
94203 BROOME AIRPORT	1757S	12213E	9	1012.8	1013.8	25.9	-0.9	12.2	-3.1	0	T	-2	2				
94212 HALLS CREEK AIRPORT	1813S	12739E	424	967.1	1014.9	25.3	-0.8	5.1	-4.0	0	0	-4	4				
94238 TENNANT CREEK AIRPORT	1938S	13410E	376	974.5	1017.2	23.5	-0.6	7.1	-0.5	2	21	9	4	321 100			
94287 CAIRNS AIRPORT	1653S	14545E	7	1016.9	1017.7	22.5	-0.9	18.3	-0.6	10	83	51	5	251			
94294 TOWNSVILLE AIRPORT	1915S	14645E	6	1018.3	1019.0	21.0	-1.2	13.9	-2.6	0	T	-9	2	307 105			
94299 WILLIS ISLAND	1618S	14959E	9	1015.1	1016.1	24.1	-0.8	19.6	-2.5	3	31	12	4				
94300 CARNARVON AIRPORT	2452S	11340E	7	1017.5	1018.3	19.9	-1.0	9.9	-1.9	2	5	1	4				
94302 LEARMONT AIRPORT	2214S	11405E	6	1016.5	1017.1	21.5	-0.1	12.0	0.3	0	T	-1	4				
94312 PORT HEDLAND AIRPORT	2022S	11837E	11	1014.5	1015.2	24.3	-0.7	7.6	-2.4	0	T	-1	3				
94326 ALICE SPRINGS AIRPORT	2348S	13354E	544	957.6	1020.5	17.9	-0.3	6.1	-1.9	0	0	-10	2	321 105			
94332 MT ISA AIRPORT	2039S	13929E	342	978.7	1017.9	22.5	-0.5	7.5	-1.2	2	7	-4	4	296 95			
94346 LONGREACH AIRPORT	2326S	14416E	193	997.3	1019.7	19.3	-1.3	9.7	0.3	0	T	-11	2				
94367 MACKAY	2107S	14913E	31	1016.3	1019.9	19.3	-1.0	16.0	-1.2	4	25	9	4				
94380 GLADSTONE	2351S	15116E	76	1011.9	1020.8	20.7	-0.2	13.6	-1.6	2	6	-15	2				
94403 GERALDTON AIRPORT	2847S	11442E	34	1016.2	1020.3	16.5	1.3	11.1	-1.5	8	35	5	4				
94430 MEEKATHARRA AIRPORT	2636S	11831E	518	959.6	1019.1	18.8	0.7	8.9	0.8	0	T	-4	2				
94461 GILES	2502S	12818E	599	951.2	1019.1	20.0	-0.8	5.5	-2.0	1	1	-10	3	294 97			
94510 CHARLEVILLE AIRPORT	2625S	14616E	304	985.6	1021.0	16.2	-1.2	9.2	-0.2	1	1	-20	1				
94527 MOREE	2928S	14951E	212	996.1	1021.2	15.3	-0.1	11.2	0.6	3	28	-6	3	295			
94578 BRISBANE AIRPORT	2726S	15305E	6	1020.7	1021.3	16.9	-1.3	12.6	0.1	2	6	-29	2	265 105			
94610 PERTH AIRPORT	3156S	11557E	12	1017.1	1020.6	15.3	1.1	11.5	-0.1	10	54	-11	2	117 55			
94637 KALGOORLIE AIRPORT	3046S	12127E	360	978.4	1020.6	15.9	1.2	7.9	-0.9	1	5	-13	2				
94638 ESPERANCE	3349S	12153E	26	1017.7	1020.8	15.1	1.0	10.7	-0.5	8	24	-40	0				
94646 FORREST AIRPORT	3050S	12806E	160	1002.3	1021.4	16.4	1.7	8.0	-1.3	2	10	-6	3				
94653 CEDUNA AIRPORT	3207S	13342E	17	1021.1	1023.2	15.3	0.9	9.6	-0.9	3	27	-3	3	259 110			
94659 WOOMERA AERODROME	3109S	13648E	167	1002.7	1022.6	16.8	1.4	7.7	-1.6	2	9	-9	3	293 111			
94672ADELAIDE AIRPORT	3456S	13831E	4	1022.3	1022.8	14.5	1.1	9.9	-0.7	7	38	-4	3	240 130			
94693 MILDURA AIRPORT	3414S	14205E	53	1016.3	1022.4	13.7	0.0	9.5	-0.4	4	12	-17	2	261 108			
94711 COBAR	3129S	14549E	265	990.5	1021.8	14.5	-0.6	9.5	0.3	3	21	-8	3	288			
94767 SYDNEY AIRPORT	3357S	15111E	3	1021.6	1022.1	14.4	-0.9	11.3	0.5	9	144	92	5	210 100			
94776 WILLIAMTOWN AERODROME	3247S	15149E	11	1021.3	1022.3	14.7	-0.2	12.5	0.9	9	97	41	5	205 91			
94791 COFS HARBOUR AIRPORT	3019S	15307E	5	1020.8	1021.5	16.1	0.0	12.1	0.3	9	104	39	5	223 95			
94802 ALBANY AIRPORT	3457S	11748E	69	1011.7	1020.0	13.1	0.5	11.9	0.7	9	60	-25	1				
94821 MT GAMBIER AIRPORT	3744S	14047E	69	1013.0	1021.4	12.2	1.5	10.4	-0.1	12	91	19	4	191 115			
94865 LAVERTON AERODROME	3751S	14444E	14	1019.1	1021.7	11.7	-0.1	10.1	-0.1	9	38	-18	2	187 115			
94907 EAST SALE AERODROME	3806S	14708E	8	1020.7	1021.7	11.5	0.2	10.2	-0.3	9	79	26	5	209 115			
94910 WAGGA AIRPORT	3509S	14727E	213	996.9	1022.1	11.7	0.8	10.2	0.2	7	46	-10	3	237			
94926 CANBERRA AIRPORT	3518S	14911E	577	954.5	1022.6	9.3	0.1	8.7	0.2	6	32	-24	2	220 97			
94975 HOBART AIRPORT	4250S	14730E	3	1014.9	1018.2	11.0	-0.6	8.6	-0.4	5	32	-10	2	212 120			
AUSTRALIA (ADDITIONAL IS.)																	
94995 LORD HOWE ISLAND	3131S	15905E	46	1020.2	1020.9	16.1	-0.5	12.9	-0.9	16	110	-26	3				
94996 NORFOLK ISLAND AIRPORT	2902S	16756E	109	1006.4	1019.3	15.9	-0.2	12.9	-1.6	11	50	-43	2	249 115			
94998 MACQUARIE ISLAND	5429S	15856E	6	998.1	998.8	3.4	0.0	6.7	-0.6	20	57	-11	2	55 85			
MALAYSIA (SABAH & SARAWAK)																	
96413 KUCHING	0129N	11020E	27	1007.9	1010.5	26.7	0.5	28.7	-0.7	15	236	-36	2	120			
96441 BINTULU	0312N	11302E	5	1009.8	1010.3	26.5	0.3	29.4	-0.1	14	322	94	5	95			

SW PAC-MALAYSIA

SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	MEAN DAYS 1 MM	DEPARTURE mm	QUINTILE TOTAL	% OF AV.
SW PACIFIC														
MALAYSIA(SABAH & SARAWAK)														
96471 KOTA KINABALU	0556N	11603E	3	30	1009.3	1009.6	27.1	0.4	28.3	0.0	16	405	94	105
96481 TAWAU	0416N	11753E	20	30	1007.7	1010.0	26.3	-0.1	28.6	-0.6	16	224	51	105
PHILIPPINES														
98135 BASCO	2027N	12158E	11		1015.8	1017.0	27.7	1.0			18	331	-86	3
98223 LAODAG	1811N	12032E	5		1007.1	1007.7	27.5		31.7		12	539	-4	194
98232 APARRI	1822N	12138E	4		1006.9	1007.2	27.6	-0.4	28.0	-2.4	15	216	-43	55
98233 TUGUEGARAO	1737N	12144E	24		1001.0	1008.0	28.0		26.4		7	78	1	186
98325 DAGUPAN	1603N	12020E	2		1007.5	1007.7	27.8	-0.2	31.6	1.3	17	435	110	4
98328 BAGUIO	1625N	12036E	1501		850.0	1007.0	18.7		19.4		29	876	5	117
98429 MANILA INTL AIRPORT	1431N	12100E	15		1005.5	1007.9	27.9	0.4	29.8	0.4	21	361	64	4
98444 LEGASPI	1308N	12344E	17		1006.6	1008.5	27.9	0.4	29.8	0.1	21	361	125	5
98550 TACLOBAN	1115N	12500E	21		1007.7	1008.0	27.5	-0.5	29.8	-0.5	15	240	111	5
98637 ILOILO	1042N	12234E	8		1009.0	1009.9	28.4	1.1	31.7	1.2	17	182	-62	2
98644 TAGBILARAN	0936N	12351E	6		1007.7	1008.4	28.4		32.0		16	96	3	
98646 MACTAN	1018N	12358E	9		1006.4	1009.5	28.2		31.7		13	161		
98836 ZAMBOANGA	0654N	12204E	6		1008.3	1009.0	28.5	1.4	29.8	0.1	14	325	183	166

EUROPE-DENMARK FAROE IS. SURFACE CORRECTIONS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE	VAPOR PRESSURE	PRECIPITATION		SUN- SHINE
					MEAN	STATION			MEAN	DEPARTURE	
FEB 1989 EUROPE DENMARK & FAROE IS. 06186 KOBENHAVN/LANDBOHOJSKOLEN	0°	0°	b	9	b	b	0°C	0°C	b	b	105
APR 1990 S AMERICA BRAZIL 83498 CARAVELAS	5541N	01233E	-	-	-	-	-	-	-	-	-
JUL 1990 S AMERICA BRAZIL 83676 CATANDUVA	1744S	03915W	3	-	-	-	-	-	-	-	-
	2108S	04858W	536	-	-	-	-	-	-	-	-

EUROPE-NORWAY

UPPER AIR

SEPTEMBER 1990

LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN °C	Dew Point °C	MISSING DAYS	% STEADINESS	Direction	Speed	PRESSURE	HEIGHT	MISSING DAYS	MEAN °C	Dew Point °C	MISSING DAYS	% STEADINESS	Direction	Speed	PRESSURE	HEIGHT	MISSING DAYS	MEAN °C	Dew Point °C	MISSING DAYS	% STEADINESS	Direction	Speed			
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps			
EUROPE - NORWAY																													
		JAN MAYEN																											
		01001	7056N	00840W	OB 3																								
030	24007	0	-52.0	27.3	0	78	301	4	030	23970	1	-52.6	31.7	1	59	344	2	030	23944	0	-53.2	31.7	0	50	300	3			
050	20702	0	-51.7	28.8	0	72	281	4	050	20673	0	-52.4	31.7	0	68	319	2	050	20658	0	-53.1	31.5	0	51	306	2			
100	16186	0	-49.5	30.0	0	65	247	5	100	16181	0	-51.5	32.2	0	35	276	2	100	16178	0	-51.8	31.5	0	37	285	3			
150	13521	0	-47.8	29.3	0	64	231	7	150	13547	0	-51.5	31.0	0	31	249	3	150	13549	0	-51.5	29.8	0	24	278	3			
200	11621	0	-48.0	23.2	1	60	224	9	200	11687	0	-53.9	19.8	0	36	218	5	200	11688	0	-53.7	19.6	0	14	222	2			
300	8951	0	-46.5	11.2	0	59	203	14	300	9075	0	-47.4	10.9	0	37	209	7	300	9071	0	-47.5	9.6	0	22	171	5			
500	5404	0	-23.7	9.7	0	62	194	8	500	5509	0	-21.9	15.1	0	55	202	7	500	5508	1	-21.8	13.1	0	38	189	5			
700	2871	0	-8.9	8.2	0	50	190	4	700	2955	0	-6.6	14.9	0	63	195	7	700	2953	0	-6.7	9.9	0	52	194	5			
850	1346	0	-1.5	4.0	0	21	169	2	850	1420	0	0.0	5.7	0	58	187	5	850	1414	0	0.9	4.2	0	65	179	6			
1000	*	9	4.9	1.3					1010	*	18	6.9	1.4					1009	*	8	10.9	2.7							
EUROPE - NORWAY																													
		ORLAND																											
		01241	6342N	00936E	OB 3																								
030	23981	0	-53.2	31.3	1	70	318	4	030	23987	0	-52.8	31.5	0	67	306	4	030	23991	0	-52.6	28.1	0	74	312	4			
050	20692	0	-53.4	30.9	0	75	316	4	050	20694	0	-53.4	30.6	0	81	311	5	050	20706	0	-53.7	27.3	0	78	305	5			
100	16216	0	-52.3	0.0	0	62	308	5	100	16222	0	-52.3	30.8	0	75	317	6	100	16245	0	-53.0	27.7	0	81	310	7			
150	13585	0	-51.2	28.7	0	56	312	6	150	13596	0	-51.4	29.6	0	73	317	9	150	13630	0	-52.2	26.0	0	80	308	12			
200	11716	0	-51.5	22.1	0	35	305	6	200	11727	0	-51.5	23.0	0	65	316	11	200	11768	0	-52.4	19.0	0	69	309	14			
300	9074	0	-46.7	11.8	0	14	284	3	300	9090	0	-47.0	10.1	0	43	305	9	300	9125	0	-45.7	9.7	0	53	301	14			
500	5510	0	-21.9	13.3	0	27	235	4	500	5518	0	-21.2	10.7	0	41	303	6	500	5536	0	-20.3	11.9	0	49	287	8			
700	2956	0	-6.4	9.3	0	37	218	4	700	2955	0	-6.0	9.9	0	21	308	2	700	2965	0	-5.0	9.1	0	42	275	5			
850	1415	0	1.9	5.4	0	44	225	4	850	1414	0	1.5	4.1	0	10	47	1	850	1418	0	2.1	4.2	0	26	239	3			
1000	*	10	10.8	3.2					986	*	201	9.2	4.2					1006	*	33	11.2	3.1							
EUROPE - SWEDEN																													
		SUNDSVALL-HARNOSAND FLYGPLAT																											
		02365	6232N	01727E	OB 3																								
030	23954	2	-53.4	31.4					030	23959	7	-53.0	31.9		9	72	297	4	030	24022	2	-53.5	30.9	7	63	320	5		
050	20670	1	-53.2	31.0					050	20676	1	-53.3	30.3	9	72	297	4	050	20708	2	-53.5	30.9	7	63	320	5			
100									100									100											
150	13563	1	-51.0	29.4					150	13570	0	-51.2	28.4	2	68	323	6	150	13615	0	-51.7	27.8	1	58	315	8			
200	11695	0	-51.9	22.8					200	11703	0	-52.0	20.4	1	58	328	8	200	11748	0	-52.3	20.4	0	60	321	11			
300	9075	0	-48.2	10.3	5	23	346	4	300	9073	0	-47.8	9.3	0	42	325	8	300	9123	0	-46.5	9.2	0	53	322	10			
500	5515	0	-21.9	11.2	0	11	73	1	500	5514	0	-21.8	8.3	0	31	335	4	500	5533	0	-20.7	10.3	0	48	320	6			
700	2963	1	-6.6	8.6	1	18	95	2	700	2954	0	-5.9	8.2	0	0	0	0	700	2963	0	-5.0	9.6	0	37	304	4			
850	1419	0	0.7	3.3	0	31	68	3	850	1411	0	1.7	2.8	1	22	20	2	850	1414	0	2.7	2.7	1	32	297	3			
1000	*	6	9.8	2.5					1002	*	22	10.5	3.2					1009	*	155	10.5	3.0							
EUROPE - FINLAND																													
		SODANKYLA																											
		02836	6722N	02639E	OB 7																								
030	23927	0	-52.9		0	47	317	2	030	23962	0	-52.3		0	61	275	3	030	23960	0	-52.4		0	64	274	3			
050	20633	0	-53.3		0	53	339	3	050	20663	0	-52.8		0	53	300	3	050	20665	0	-53.0		0	57	298	3			
100	16155	0	-51.8		0	51	350	3	100	16176	0	-51.2		0	41	324	3	100	16182	0	-51.4		0	53	317	4			
150	13528	0	-52.0		0	42	10	3	150	13536	0	-50.7		0	38	340	4	150	13544	0	-50.6		0	48	329	5			
200	11671	0	-54.8		0	39	28	4	200	11664	0	-51.7		0	34	2	4	200	11671	0	-51.6		0	39	344	6			
300	9067	0	-48.6	8.5	0	38	42	6	300	9046	0	-48.5	8.9	0	30	33	5	300	9048	0	-48.3	8.4	0	27	360	6			
500	5519	0	-22.7	11.0	0	30	53	3	500	5499	0	-22.5	10.5	0	34	53	4	500	5495	0	-22.3	9.6	0	26	333	4			
700	2973	0	-7.4	10.9	0	26	108	2	700	2951	0	-7.2	9.9	0	42	74	4	700	2944	0	-6.9	8.0	0	32	297	3			
850	1439	0	-0.3	5.7	0	23	137	2	850	1418	0	-0.7	3.7	0	47	95	4	850											

EUROPE - U KINGDOM

UPPER AIR

SEPTEMBER 1990

LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND																										
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED																								
mb	gpm		°C	°C	%	o	mps	mb	gpm	°C	°C	o	mps	mb	gpm	°C	°C	o	mps	mb	gpm	°C	°C	%	o	mps																								
EUROPE - UNITED KINGDOM CRAWLEY												EUROPE - IRELAND VALENTIA OBSERVATORY												EUROPE - ICELAND KEFLAVIK																										
030	24025	0	-52.0		0	75	273	4	030	24067	8	-53.1		0	78	304	4	030	24001	1	-52.4	28.7	1	87	283	7																								
050	20752	0	-55.4		0	76	302	5	050	20792	0	-55.6		0	91	307	5	050	20709	1	-52.9	28.5	1	83	273	6																								
100	16352	0	-57.0		0	89	295	10	100	16396	0	-57.5		0	86	302	10	100	16223	0	-51.1	28.2	0	81	268	11																								
150	13790	0	-57.1		0	84	298	14	150	13840	0	-57.7		0	76	302	13	150	13579	0	-49.2	27.8	0	81	265	16																								
200	11968	0	-56.2		0	75	300	18	200	12022	0	-56.8		0	64	304	15	200	11689	0	-48.4	24.5	0	78	267	21																								
300	9332	0	-42.6	11.7	0	76	297	18	300	9379	0	-41.6	10.7	0	67	300	15	300	9016	0	-45.2	13.0	0	73	266	26																								
500	5686	0	-16.0	11.7	0	81	295	14	500	5716	0	-15.0	14.1	0	79	293	12	500	5442	0	-22.2	12.4	0	68	262	15																								
700	3073	0	-0.6	16.6	0	79	294	9	700	3092	0	0.5	17.4	0	77	298	9	700	2897	0	-8.3	10.0	0	65	252	9																								
850	1503	0	5.1	6.1	0	69	286	6	850	1516	0	5.7	6.9	0	65	292	6	850	1369	0	-1.2	5.0	0	53	245	6																								
1000	* 144	13.4	4.5						1019	* 14	0	13.7	3.3					1002	* 54	6.7	3.0																													
EUROPE - DENMARK (GREENLAND) EGEDESMINDE												EUROPE - DENMARK (GREENLAND) NARSSARSSUAO												EUROPE - DENMARK (GREENLAND) DANMARKSHAVN																										
030	24020	0	-50.1		0	75	248	6	030	24113	0	-50.1		0	90	255	7	030	23958	1	-51.6		1	25	233	1																								
050	20683	0	-49.7		0	74	239	6	050	20790	0	-51.0		0	90	247	8	050	20641	1	-50.8		1	58	199	3																								
100	16118	0	-46.7		0	80	239	8	100	16270	0	-49.2		0	94	247	14	100	16111	1	-48.5		1	74	194	6																								
150	13419	0	-45.2		0	79	241	9	150	13603	0	-48.1		0	95	250	21	150	13437	1	-47.4		1	80	188	8																								
200	11498	0	-45.5		0	75	241	10	200	11707	0	-47.1		0	91	246	25	200	11532	1	-47.2		1	83	184	11																								
300	8828	0	-49.7	7.9	0	55	249	9	300	9018	0	-44.5		0	80	244	28	300	8867	1	-48.4		1	71	182	13																								
500	5333	0	-27.5	7.9	0	47	248	5	500	5443	0	-22.1	12.1	0	79	248	15	500	5361	1	-26.7	9.7	1	67	178	7																								
700	2839	0	-12.9	8.1	0	33	238	2	700	2900	0	-8.7	8.3	0	63	252	7	700	2857	1	-11.9	6.2	1	41	188	3																								
850	1336	0	-4.9	7.3	0	34	195	2	850	1376	0	-2.1	6.8	0	34	199	2	850	1352	1	-6.2	4.9	1	24	314	2																								
1000	* 40	1.7	2.9						1008	* 4	4	4.6	3.8					1007	* 14	-2.2	3.9																													
EUROPE - DENMARK (GREENLAND) SCORESBYSUND												EUROPE - DENMARK & FAROE IS. THORSHAVN												EUROPE - DENMARK & FAROE IS. KOBENHAVN/JAEGERSBORG																										
030	23994	0	-51.8		0	88	283	4	030	24017	0	-52.9		0	89	310	4	030	24010	0	-52.0		0	82	276	5																								
050	20682	0	-51.3		0	73	258	4	050	20733	0	-53.4		0	80	293	4	050	20716	0	-53.6		0	82	291	5																								
100	16155	0	-48.5		0	74	244	7	100	16257	0	-52.0		0	84	284	8	100	16256	0	-52.9		0	79	302	8																								
150	13474	0	-46.4		0	71	239	8	150	13626	0	-50.8		0	78	281	13	150	13637	0	-52.2		1	79	302	11																								
200	11560	0	-45.5		0	74	234	10	200	11750	0	-50.1		0	73	279	17	200	11775	0	-52.4		1	72	305	14																								
300	8868	0	-47.1		0	54	228	10	300	9080	0	-44.5		0	70	276	19	300	9136	0	-45.8		0	61	309	14																								
500	5357	0	-27.0	9.4	0	44	215	5	500	5490	0	-20.6	12.4	0	69	270	13	500	5551	0	-20.3	10.5	0	64	304	9																								
700	2858	0	-12.5	7.9	0	14	247	1	700	2924	0	-5.5	12.4	0	61	267	9	700	2977	0	-4.6	8.9	0	60	294	6																								
850	1354	0	-5.5	5.1	0	26	344	2	850	1381	0	1.0	4.5	0	50	270	7	850	1426	0	3.0	3.9	0	50	288	5																								
1000	* 66	0.8	3.0						999	* 55	9.0	3.1						1005	* 40	12.3	3.2																													
EUROPE - NETHERLANDS DE BILT												EUROPE - SWITZERLAND LIECHTENSTEIN PAYERNE												EUROPE - SPAIN MADRID/BARAJAS																										
030	24024	0	-51.7		0	81	287	5	030	24090	1	-49.8		8	86	251	6	030	24150	1	-51.2		1	44	243	2																								
050	20742	0	-54.9		0	79	298	5	050	20788	0	-54.6		5	86	276	6	050	20872	0	-56.8		0	65	279	3																								
100	16321	0	-55.6		0	88	301	11	100	16387	0	-57.4		2	89	285	19	100	16520	0	-60.0		0	97	256	9																								
150	13739	0	-55.5		0	86	301	16	150	13832	0	-57.9		2	89	285	19	150	13992	0	-60.1		0	87	252	12																								
200	11904	0	-56.1		0	77	303	21	200	12017	0	-57.2	9.7	2	85	288	22	200	12194	0	-58.1		0	76	250	14					</td																			

EUROPE-GERMAN DEM REP

UPPER AIR

SEPTEMBER 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION				
mb	gpm		°C	°C	%	°	mps	mb	gpm		°C	°C	%	°	mps	mb	gpm		°C	°C	%	°	mps				
EUROPE - GERMAN DEMOCRATIC REPUBLIC																											
GREIFSWALD								LINNENBERG								MEININGEN											
030	24029	10	-52.0		2	82	268	3	030	24004	5	-51.8		0	89	262	4	030	24034	2	-52.2		1	86	266	3	
050	20741	9	-54.5		1	82	290	3	050	20719	0	-54.7		0	84	282	3	050	20754	1	-55.2		0	83	284	3	
100	16273	4	-53.8	8.1	0	85	300	5	100	16287	0	-54.4	9.2	0	86	294	6	100	16340	1	-55.8	8.3	0	86	294	6	
150	13664	4	-52.9	7.3	0	83	304	7	150	13686	0	-53.8	8.0	0	81	297	8	150	13755	1	-55.1	7.5	0	85	296	9	
200	11797	2	-52.5	6.3	0	77	305	9	200	11836	0	-53.4	6.8	0	75	298	10	200	11916	1	-55.0	6.4	0	79	297	11	
300	9167	0	-45.7	5.9	0	65	303	9	300	9197	0	-45.2	5.9	0	69	297	10	300	9280	0	-43.6	6.8	0	74	297	11	
500	5575	0	-19.9	6.8	0	70	300	6	500	5595	0	-19.3	7.6	0	74	296	7	500	5648	0	-17.5	9.1	0	79	292	8	
700	2998	0	-4.5	5.8	0	72	293	5	700	3013	0	-4.3	6.8	0	79	291	5	700	3049	0	-2.9	5.2	0	84	288	6	
850	1443	0	3.9	3.4	0	66	288	4	850	1460	0	3.8	3.4	0	81	286	5	850	1488	0	4.6	3.3	0	80	283	4	
1012	*	6	10.5	1.8					1001	*	115	10.6	2.1					964	*	453	9.2	2.3					
EUROPE - GERMANY, FEDERAL REPUBLIC								HANNOVER								BERLIN-TEMPELHOF											
10035	5432N	00933E	OB 3	10338								10384								10384							
030	23599	0	-53.3		0	80	285	5	030	23596	0	-51.8		1	80	280	5	030	24016	0	-51.1		0	84	262	5	
050	20380	0	-54.8		0	80	296	5	050	20361	0	-54.9		1	85	298	5	050	20724	0	-54.0		0	87	281	6	
100	16026	0	-54.5		0	82	301	9	100	16010	0	-55.2	13.5	0	87	304	10	100	16281	0	-54.0		0	82	297	9	
150	13465	0	-53.4		0	81	304	13	150	13459	0	-54.1	12.9	1	83	308	14	150	13675	0	-53.0		0	82	300	14	
200	11641	0	-53.5	6.4	0	72	306	17	200	11648	0	-54.6	11.4	1	76	311	19	200	11818	0	-53.3	22.5	0	76	301	17	
300	9040	0	-44.9	6.3	0	64	302	16	300	9058	0	-45.0	9.7	1	72	309	20	300	9183	0	-45.5	12.1	0	70	300	19	
500	5494	0	-19.3	8.2	0	69	299	11	500	5510	0	-18.8	13.0	1	79	303	13	500	5586	0	-19.6	12.5	0	69	294	12	
700	2951	0	-3.9	6.9	0	75	288	9	700	2969	0	-4.1	9.7	1	79	296	9	146	*	46	0	3.5	5.0	0	83	291	10
850	1420	0	3.5	2.7	0	72	283	8	850	1442	0	3.5	3.7	1	83	288	8	700	3008	0	-4.6	8.8	0	80	292	10	
1007	*	50	12.5	2.9					1009	*	55	12.9	4.0					850	146	0	3.5	5.0	0	83	291	10	
EUROPE - GERMANY, FEDERAL REPUBLIC								STUTTGART/SCHNARRENNBERG								MUENCHEN-OBERSCHLEISHEIM											
10410	5124N	00656E	OB 3	10739								10868								10868							
030	23562	0	-51.5		0	82	275	5	030	23591	0	-50.9		0	86	263	6	030	23594	0	-50.8		0	89	257	7	
050	20347	0	-55.1		0	78	288	5	050	20363	0	-55.4		0	86	283	6	050	20364	0	-55.1		0	88	280	6	
100	16018	0	-55.9	28.9	0	85	297	11	100	16041	0	-56.9	28.6	0	87	291	12	100	16039	0	-56.8	26.3	0	89	289	12	
150	13483	0	-55.5	25.4	0	85	298	17	150	13521	0	-56.7	24.4	0	87	291	19	150	13517	0	-56.5	22.0	0	88	291	19	
200	11683	0	-55.6	17.9	0	77	300	21	200	11729	0	-56.6	15.8	0	83	294	23	200	11722	0	-56.5	14.3	0	84	292	23	
300	9098	0	-44.2	10.8	0	71	302	21	300	9148	0	-43.6	11.1	0	78	295	21	300	9143	0	-43.7	10.3	0	80	294	21	
500	5539	0	-17.9	13.2	0	80	295	14	500	5577	0	-16.8	13.2	0	81	289	15	500	5573	0	-16.8	11.8	0	84	292	15	
700	2988	0	-2.8	10.4	0	81	289	10	700	3018	0	-2.1	10.5	0	84	281	10	700	3017	0	-2.6	7.5	0	89	278	12	
850	1457	0	4.0	4.1	0	80	280	8	850	1481	0	5.6	4.5	0	83	274	7	850	1480	0	6.1	5.0	0	91	276	8	
993	*	153	12.9	3.0					981	*	315	14.3	6.7					962	*	489	12.5	4.2					
EUROPE - AUSTRIA								PRAHA-LIBUS								POPRAD/GANOVCE											
11035	4815N	01622E	OB 3	11520								11952								11952							
030	24075	3	-50.2		3	89	249	7	030	23982	4	-51.5		4	93	286	8	030	24055	7	-51.6		8	94	246	5	
050	20770	0	-54.4		0	93	270	7	050	20700	2	-55.0		2	90	274	7	050	20766	0	-54.4		0	30	261	4	
100	16344	0	-55.4		0	92	282	12	100	16284	0	-55.5		0	88	288	12	100	16331	0	-54.7		0	91	278	7	
150	13759	0	-55.1		0	87	288	19	150	13697	0	-54.5		0	85	292	18	150	13734	0	-53.5		0	88	283	9	
200	11921	0	-55.3		0	83	292	24	200	11855	0	-54.5		0	79	294	22	200	11885	0	-53.6		0	81	287	11	
300	9289	0	-43.8	10.7	0	77	297	23	300	9229	0	-45.4	6.3	0	74	291	22	300	9246	0	-44.1	5.8	0	73	289	10	
500	5658	0	-16.9	10.7	0	79	294	15	500	5623	0	-18.9	7.8	0	78	290	15	500	5624	0	-18.1	7.4	0	79	290	7	
700	3058	0	-2.8	6.5	0	87	297	12	700	3038	0	-4.1	5.9	8	78	291	12	700	3035	0	-3.3	4.6	0	78	289	5	
850	1493	0	6.2	5.2	0	86	303	9	850	1483	0	4.5															

EUROPE-POLAND

UPPER AIR

SEPTEMBER 1990

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND																													
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED																											
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps																											
EUROPE - POLAND WROCŁAW I 12425 5108N 01659E OB 1																		EUROPE - HUNGARY BUDAPEST/LORINC 12843 4726N 01911E OB 3																		EUROPE - HUNGARY SZEGED 12982 4615N 02006E OB 3																	
030									030	24127	17	-49.2			9	95	242	4	030	24071	6	-50.0			6	95	244	4																									
050									050	20816	11	-53.0			9	95	260	4	050	20758	3	-53.5			3	96	253	4																									
100	16306	16	-53.8						100	16365	4	-54.6			4	93	277	7	100	16333	1	-56.1			1	95	272	7																									
150	13695	27	-53.0			11	90	280	19	150	13770	3	-54.2			3	90	283	10	150	13753	1	-55.5			1	92	278	10																								
200	11835	29	-53.4			17	78	295	21	200	11925	3	-54.1			3	85	286	12	200	11917	0	-55.0			0	87	284	12																								
300	9199	30	-45.4			27	65	280	18	300	9288	3	-44.0	5.4	3	78	290	11	300	9290	0	-44.9	6.9	0	0	83	289	12																									
500	5603	30	-19.7			30	74	285	14	500	5659	1	-17.4	7.8	1	80	291	7	500	5670	0	-17.7	8.3	0	0	85	289	8																									
700	3022	30	-4.3	4.8	30	79	280	10	700	3058	1	-2.3	7.8	1	81	289	5	700	3070	0	-2.2	6.4	0	0	81	290	5																										
850	1464	30	4.2	2.6	30	85	285	9	850	1491	1	6.4	4.8	1	77	297	4	850	1500	0	7.1	6.2	0	0	72	295	3																										
1000	* 116	30	10.7	2.6					999	* 139	15.3	7.2						1007	* 83	15.0	8.1																																
EUROPE - YUGOSLAVIA ZAGREB/MAKSIMIR 13130 4549N 01602E OB 3																		EUROPE - YUGOSLAVIA BEOGRAD/ZELENO BROD 13275 4447N 02032E OB 1																	EUROPE - ITALY MILANO/LINATE 16080 4526N 00917E OB 3																		
030	20843	4	-54.3			4	70	265	6	030	24099	3	-50.8			3	86	247	5	030	24077	0	-50.5	29.7	0	0	89	248	6																								
050	20843	4	-54.3			4	70	265	6	050	20801	3	-54.5			3	91	256	7	050	20786	0	-55.2	28.2	0	0	85	277	6																								
100	16429	1	-56.4			1	92	279	15	100	16394	2	-56.9			2	96	273	16	100	16405	0	-58.9	24.3	0	0	91	284	13																								
150	13854	0	-56.0			0	89	285	21	150	13820	2	-55.7			2	93	277	21	150	13861	0	-58.6	19.5	0	0	90	286	19																								
200	12023	0	-56.0			0	86	289	25	200	11980	2	-55.4			2	88	285	24	200	12051	0	-57.6	12.6	0	0	87	290	23																								
300	9384	0	-42.2	6.2	0	84	291	23	300	9347	2	-43.0			2	84	287	21	300	9414	0	-41.8	10.3	0	0	87	289	20																									
500	5721	0	-14.4	13.2	0	82	292	15	500	5700	2	-16.2	14.2	2	83	288	14	500	5744	0	-13.9	14.1	0	0	85	293	12																										
700	3095	0	-0.5	7.2	0	73	300	7	700	3086	2	-0.6	8.9	2	80	300	8	700	3109	0	1.8	10.9	0	0	73	294	5																										
850	1514	0	8.9	4.9	0	52	282	3	850	1510	2	8.0	6.3	2	80	313	5	850	1516	0	10.7	6.8	0	0	41	306	2																										
1000	* 128	0	15.4	5.2					933	* 243	2	14.6	7.1					1004	* 103	20.2	8.3																																
EUROPE - ITALY PRATICA DI MARE 16245 4139N 01226E OB 9																		EUROPE - ITALY BRINDISI 16320 4039N 01757E OB 9																	EUROPE - ITALY TRAPANI/BIRGI 16429 3755N 01230E OB 9																		
030	24133	0	-50.6	30.5	0	44	244	2	030	24103	0	-51.6	32.0	0	17	146	1	030	24142	0	-51.7	31.6	0	0	69	93	4																										
050	20838	0	-55.6	29.4	0	83	268	5	050	20822	0	-55.9	30.7	0	74	257	4	050	20863	0	-56.2	28.9	0	0	45	261	2																										
100	16477	0	-59.8	25.3	0	94	278	15	100	16472	0	-60.3	27.1	0	93	271	16	100	16548	0	-62.3	25.3	0	0	94	272	15																										
150	13943	0	-59.3	19.7	0	92	281	21	150	13937	0	-58.4	22.0	0	91	277	21	150	14034	0	-60.2	19.9	0	0	93	276	22																										
200	12138	0	-57.6	12.6	0	91	286	24	200	12123	0	-56.6	15.2	0	91	284	24	200	12229	0	-56.6	14.6	0	0	90	282	22																										
300	9486	0	-39.9	11.8	0	90	291	22	300	9469	0	-40.3	13.9	0	87	290	21	300	9563	0	-38.7	14.1	0	0	90	291	19																										
500	5787	0	-12.0	15.1	0	77	295	13	500	5776	0	-12.4	16.8	0	88	292	13	500	5842	0	-10.6	17.6	0	0	94	292	16																										
700	3131	0	4.1	14.7	0	86	288	9	700	3124	0	3.7	14.1	0	81	297	8	700	3170	0	6.6	14.9	0	0	92	294	13																										
850	1526	0	13.0	10.1	0	60	270	3	850	1522	0	12.6	10.0	0	57	299	4	850	1546	0	16.2	12.6	0	0	70	292	7																										
1012	* 12	21.5	6.9						1015	* 10	22.3	9.4						1016	* 14	24.4	7.0																																
EUROPE - ITALY CAGLIARI/ELMAS 16560 3915N 00903E OB 9																		EUROPE - GREECE HERAKLION 16754 3520N 02511E OB 2																	EUROPE - TURKEY SAMSUN 17030 4117N 03620E OB 2																		
030	24104	0	-51.6	32.7	0	47	145	2	030	24073	2	-52.3			5	80	101	4	030	24218	5	-50.0			5	14	234	1																									
050	20828	0	-56.6	30.4	0	69	268	4	050	20814	1	-58.5			1	75	131	3	050	20914	4	-54.6			4	91	242	13																									
100	16502	0	-61.6	25.2	0	92	272	14	100	16565	1	-66.7			1	96	241	12	100	16550	2	-59.5			2	95	250	23																									
150	13992	0	-61.3	17.8	0	93	276	21	150	14079	0	-59.7			1	90	250	19	150	13998	2	-55.9			2	93	249	29																									
200	12203	0	-58.5	11.7	0	90	280	22	200	12254	0	-53.0	22.3	0	91	257	20	200	12146	0	-51.1			0	96	251	30																										

EUROPE-TURKEY

UPPER AIR

SEPTEMBER 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm	°C	°C		%	o	mps	mb	gpm	°C	°C		%	o	mps	mb	gpm	°C	°C		%	o	mps			
EUROPE - TURKEY DIYARBAKIR 17280 3753N 04011E 0B 2																										
030	24168	7	-50.5		7	50	105	3	030	24168	9	-50.7		9	75	140	3	030	23974	0	-52.2		0	47	308	1
050	20900	4	-57.2		4	50	170	3	050	20891	4	-57.1		4	75	160	3	050	20670	0	-52.5		0	49	336	1
100	16634	2	-66.3		2	92	240	23	100	16303	1	-65.9		1	94	240	15	100	16184	0	-51.3		0	46	4	1
150	14151	1	-59.1		1	97	240	34	150	14127	1	-59.3		1	93	240	26	150	13550	0	-51.4		0	40	26	2
200	12307	0	-49.0		0	97	245	38	200	12287	1	-49.7		1	90	240	29	200	11691	0	-54.0		0	46	40	3
300	9662	0	-34.3		0	97	245	30	300	9559	1	-37.5		1	83	250	12	300	9076	0	-48.1		0	41	43	4
500	5811	0	-9.1	19.1	0	86	245	12	500	5814	1			1	85	250	11	500	5521	0	-22.8	8.9	0	42	38	3
700	3124	0	7.9	15.1	0	71	240	10	700	3133	1			1	66	260	8	700	2976	0	-7.5	9.3	0	24	39	1
850	1485	0	22.1	21.2	0	50	235	4	850	1509	1	17.6	13.3	1	33	300	2	850	1440	0	0.4	7.1	0	0	9	0
934	* 677		31.6	23.1				1007	* 20		31.4	15.8					1000	* 46		6.3	3.7					
EUROPE - USSR ARHANGEL'SK 22550 6435N 04030E 0B 1																										
030	23955	6	-52.0		7	92	273	3	030	24033	6	-50.5		6	65	260	2	030	24008	1	-51.2	12.1	2	92	256	4
050	20649	5	-52.4		5	81	286	2	050	20714	6	-51.5		6	69	263	2	050	20710	1	-52.8	11.3	1	85	266	3
100	16158	5	-50.9		5	47	303	2	100	16204	1	-50.5		1	50	265	2	100	16233	0	-52.1	9.8	0	83	282	4
150	13514	4	-50.5		4	24	325	1	150	13556	1	-49.8		1	32	285	2	150	13599	0	-50.7	8.4	0	70	289	5
200	11640	4	-51.8		4	25	19	2	200	11672	1	-49.9		1	24	316	2	200	11725	1	-51.2	6.8	0	64	296	7
300	9015	4	-48.3		4	25	10	2	300	9038	0	-48.1		0	10	2	1	300	9085	0	-46.2	5.7	0	49	298	4
500	5473	4	-23.6	8.8	4	25	5	2	500	5485	0	-22.7	8.5	0	5	54	1	500	5511	0	-21.4	7.0	0	52	293	4
700	2939	4	-8.5	8.6	4	35	25	2	700	2935	0	-7.0	5.7	0	5	94	1	700	2953	0	-6.1	4.0	0	58	290	3
850	1410	4	-0.5	5.7	4	25	30	1	850	1398	0	-1.1	3.2	0	34	81	2	850	1410	0	2.1	2.3	0	49	286	3
1011	* 13		6.5	4.4				1000	* 4		8.1	2.8					997	* 75		10.8	3.2					
EUROPE - USSR MINSK 26850 5352N 02732E 0B 0																										
030	23995	9	-51.2	10.7	9	98	255	5	030	24017	12	-50.4		9	87	249	4	030	24063	8	-49.0	11.3	9	80	270	4
050	20695	9	-53.1	9.7	9	84	260	4	050	20687	3	-52.0		7	88	254	4	050	20725	3	-52.0	10.0	9	80	264	4
100	16224	9	-52.2	8.7	9	84	270	5	100	16190	1	-50.5		1	90	257	4	100	16215	1	-51.3	8.3	9	85	266	6
150	13595	9	-51.0	7.8	9	84	272	6	150	13543	1	-49.3		1	66	252	4	150	13573	1	-50.5	7.0	9	89	259	7
200	11723	9	-51.5	6.3	9	80	277	7	200	11655	1	-49.1		1	58	250	4	200	11707	1	-51.5	5.7	5	85	262	8
300	9090	9	-47.3	5.3	9	64	274	8	300	9017	0	-49.0		0	28	257	3	300	9101	0	-48.2	4.4	1	83	262	9
500	5520	9	-21.2	6.6	9	64	268	5	500	5484	0	-23.7	7.1	0	28	241	2	500	5543	0	-21.9	5.6	2	81	259	7
700	2958	9	-5.8	3.3	9	60	274	4	700	2942	0	-7.5	4.4	0	17	233	1	700	2985	0	-6.0	5.6	0	71	255	4
850	1413	9	2.6	2.0	9	39	273	2	850	1406	0	0.3	2.6	0	22	167	1	850	1440	0	1.7	2.3	0	52	253	3
981	* 234		10.8	3.2				994	* 118		7.8	2.7					998	* 64		10.6	3.5					
EUROPE - USSR MOSKVA 27612 5545N 03734E 0B 0																										
030	23967	2	-51.7	11.3	2	99	255	5	030	24001	1	-50.5	11.6	1	91	249	5	030	24038	1	-52.6	8.9	9	90	243	5
050	20668	1	-52.8	10.4	2	88	256	4	050	20694	0	-53.1	10.7	0	88	251	5	050	20737	0	-53.8	8.3	9	85	251	5
100	16195	1	-51.9	9.5	1	79	258	5	100	16239	0	-53.4	9.5	0	96	259	7	100	16287	0	-53.4	7.3	9	88	271	7
150	13563	1	-50.6	8.4	1	81	255	6	150	13624	0	-52.3	8.3	0	94	263	9	150	13672	0	-52.9	6.7	9	82	282	7
200	11684	1	-50.7	6.8	1	70	251	6	200	11762	0	-52.1	6.9	0	82	265	10	200	11819	0	-52.9	5.8	9	82	287	8
300	9058	1	-48.7	5.4	1	49	250	6	300	9131	0	-47.0	5.5	0	70	266	9	300	9183	0	-45.2	5.3	7	62	306	7
500	5507	1	-22.5	6.5	1	49	252	4	500	5560	0	-21.0	7.5	0	82	265	7	500	5587	0	-20.0	6.7	4	81	291	6
700	2954	1	-6.6	4.0	1	44	241	3	700	2995	0	-5.5	5.4	0	82	263	5	700	3010	0	-4.6	4.4	3	87	286	5
850	1413	1	1.5	2.3	1	38	232	2	850	1447	0	3.5	3.7	0	70	263	4	850	1458	0	3.7	2.9	3	81	282	4
987	* 156		9.5	2.4				992	* 179		12.7	4.7					974	* 325		11.9	4.0					
EUROPE - USSR ODESSA 33837 4629N 03038E 0B 1																										
030	24171	7	-51.1		7	92	252	4	030	24171	17	-51.1	11.0	-9	92	265	4	030	24038	1	-52.6	8.9	9	90	243	5
050	20818	2	-53.9		3	94	251	6	050	20867	16	-53.0	9.8	9	86	253	4	050	20737	0	-53.8	8.3	9	85	251	5
100	16388	2	-55.0		1	92	257	9	100	16395	16	-52.5	8.7	9	91	254	9	100	16287	0	-53.4	7.3	9	88	271	7
150	13792	1	-53.6		1	91	258	11	150	13771	17	-51.6	7.4	9	94	254	12	150	13672	0	-52.9	6.7	9	82	282	7
200	11935	0	-53.6		0	88	261	11	200	11909	16	-53.3	5.8	9	89	252	13	200	11819	0	-52.9	5.8	9	82	287	8
300	9287	0	-43.1		0	76	261	10	300	9265	16	-43.7	6.0	9	81	253	11	300	9183	0	-45.2	5.3	7	62	306	7
500	5645	0	-16.5	11.1	0	82	265	7	500	5633	16	-17.0	6.8	9	81	248	7	500	5613	17	-17.6	11.0	9	80	246	7
700	3044	0	-1.2	10.6	0	78	265	4	700	3030	16	-1.8	5.9	9	81	241	5	700	3019	17	-1.9	7.2	9	80	250	5
850	1475	0	7.4	6.5	0	58	271	3	850	1460	16	6.1	4.4	9	59	235	3	850	1450	17	6.5	3.3	9	72	253	3

EUROPE-USSR

UPPER AIR

SEPTEMBER 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND								
PRESSURE	HEIGHT	MISSING	MEAN	DEW	POINT	MISSING	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING	MEAN	DEW	POINT	MISSING	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING	MEAN	DEW	POINT	MISSING	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C	%	o	o	mps	mb	gpm		°C	°C	%	o	o	mps	mb	gpm		°C	°C	%	o	o	mps			
EUROPE - USSR ROSTOV-NA-DONU																													
34731 4715N 03949E 0B 1																													
030	24066	0	-50.9	11.1	1	83	268	2	030	24120	7	-52.3			7	31	112	1	030										
050	20759	0	-53.3	10.3	0	84	251	3	050	20849	6	-57.3			6	82	231	2	050										
100	16303	0	-55.6	8.8	0	95	249	10	100	16541	4	-62.8			2	96	243	12	100	16760	0	-71.1			0	98	234	21	
150	13735	0	-54.5	8.2	0	96	251	13	150	14031	2	-58.5			2	96	245	19	150	14309	0	-61.6			0	99	236	30	
200	11887	0	-53.0	7.0	0	91	248	14	200	12190	2	-50.9			2	96	245	21	200	12472	0	-49.7			0	99	238	31	
300	9264	0	-47.0	6.3	0	87	250	13	300	9484	1	-38.2	11.8	1	96	242	14	300	9708	0	-31.5	13.1	0	98	245	24			
500	5664	0	-17.9	9.3	0	87	248	9	500	5786	1	-12.6	13.8	1	93	240	8	500	5895	0	-5.3	17.7	0	94	248	11			
700	3059	0	-0.9	9.5	0	87	245	6	700	3134	1	4.6	8.8	1	79	231	3	700	3169	0	11.1	17.9	0	83	233	7			
850	1483	0	8.2	6.0	0	62	245	3	850	1524	1	14.3	8.9	1	14	358	1	850	1524	0	19.8	16.6	0	30	353	1			
1000	* 77		16.4	5.8					960	* 490	22.5	10.2							1009	* 30	0	28.9	12.0						
ASIA - USSR POLAR GMD IM.E.T. KRENKELJA																													
20046 8037N 05803E 0B 1																													
030	23903	0	-53.3	11.4	0	63	359	1	030	23897	2	-52.9			2	29	352	1	030	23932	4	-52.6			5	25	294	1	
050	20614	0	-52.9	11.3	0	33	339	1	050	20606	1	-52.5			1	31	20	1	050	20632	4	-52.3			4	18	30	1	
100	16137	0	-51.6	10.2	0	33	321	1	100	16127	0	-51.2			0	22	41	1	100	16131	3	-50.2			3	40	73	2	
150	13505	0	-51.7	8.9	0	46	319	2	150	13495	0	-51.1			0	11	85	1	150	13480	2	-49.6			2	40	91	2	
200	11648	0	-54.5	7.2	0	36	327	3	200	11631	0	-53.5			0	17	171	1	200	11601	2	-50.3			2	37	101	3	
300	9040	0	-48.0	7.1	0	36	331	3	300	9021	0	-49.8			0	34	189	3	300	8980	2	-49.6			2	33	100	4	
500	5493	0	-23.5	9.8	0	36	297	2	500	5500	0	-25.1	9.1	0	35	196	2	500	5456	2	-25.5	10.6	2	48	101	4			
700	2961	0	-9.7	6.9	0	36	260	2	700	2982	0	-11.4	8.2	0	0	176	0	700	2940	2	-11.2	8.4	2	66	109	4			
850	1444	0	-3.7	6.9	0	48	232	2	850	1469	0	-4.3	6.0	0	0	102	0	850	1428	2	-3.7	5.5	2	60	110	3			
1017	* 20		-1.2	1.1					1020	* 13	-2.0	0.7							1010	* 20	0	0.5	1.4						
ASIA - USSR HATANGA																													
20891 7159N 10228E 0B 1																													
030	23883	0	-53.0	11.5	0	52	273	1	030	23918	0	-53.0			0	41	336	1	030	24002	8	-50.7			8	66	233	1	
050	20591	0	-52.7	11.0	0	23	263	1	050	20611	1	-52.3			1	37	22	1	050	20681	6	-51.4			6	28	222	1	
100	16103	0	-50.8	9.5	0	18	101	1	100	16117	0	-51.4			0	44	1	1	100	16148	5	-49.6			5	30	16	1	
150	13463	0	-50.8	7.9	0	24	134	1	150	13492	0	-51.7			0	51	355	2	150	13481	5	-49.0			5	36	18	2	
200	11594	0	-52.5	6.0	0	42	143	3	200	11636	0	-54.2			0	46	353	3	200	11594	5	-49.9			5	46	12	4	
300	8990	0	-50.4	4.9	0	30	150	4	300	9029	0	-48.6			0	46	351	4	300	8954	5	-48.5			5	37	11	5	
500	5477	0	-25.4	7.9	0	36	132	3	500	5489	0	-24.6	7.6	0	52	350	3	500	5425	4	-25.2	7.6	4	45	17	4			
700	2961	0	-11.0	7.2	0	54	128	2	700	2970	0	-11.1	6.9	0	57	357	3	700	2910	4	-11.7	8.6	4	50	28	3			
850	1450	0	-4.1	4.2	0	64	133	3	850	1467	0	-5.6	5.2	0	50	9	2	850	1405	4	-5.6	5.2	4	50	32	3			
1015	* 24		2.4	3.9					1021	* 10	-0.1	1.0							1009	* 6	0	0.6	1.9						
ASIA - USSR MYS KAMENNYJ																													
23146 6828N 07336E 0B 1																													
030	23998	7	-51.2	9.8	9	79	288	2	030	23939	0	-52.4	11.8	1	73	282	2	030	24011	11	-51.3			9	78	278	3		
050	20658	4	-51.6	9.0	6	44	268	1	050	20628	0	-52.5	10.9	0	61	288	2	050	20696	6	-51.3			6	71	282	2		
100	16123	1	-49.7	7.5	7	16	292	1	100	16130	0	-50.7	9.4	0	33	326	1	100	16162	2	-49.2			4	44	293	2		
150	13462	0	-48.6	6.6	6	12	275	1	150	13483	0	-49.9	8.0	0	29	7	2	150	13506	2	-48.2			2	30	301	2		
200	11570	0	-48.8	5.1	6	0	60	0	200	11605	0	-50.5	6.7	0	35	19	3	200	11621	2	-49.1			2	22	324	2		
300	8929	0	-49.4	3.7	6	19	42	2	300	8969	0	-49.1	5.3	0	34	16	4	300	8972	2	-48.1			2	5	328	1		
500	5420	0	-25.9	4.7	4	20	87	2	500	5448	0	-25.6	7.1	0	40	16	3	500	5439	1									

ASIA-USSR

UPPER AIR

SEPTEMBER 1990

LEVEL		TEMPERATURE				VECTOR WIND		LEVEL		TEMPERATURE				VECTOR WIND		LEVEL		TEMPERATURE				VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
mb	gpm	°C	°C	%	°	mps	mb	gpm	°C	°C	%	°	mps	mb	gpm	°C	°C	%	°	mps	gpm	°C	°C	%	°	mps	
ASIA - USSR				ASIA - USSR				ASIA - USSR				ASIA - USSR				ASIA - USSR				ASIA - USSR							
OLENEK				VERHOJANSK				TURA				ANADYR'				SVERDLOVSK				CITA							
24125 6830N 11226E 0B 0				24266 6733N 13323E 0B 1				24507 6410N 10004E 0B 0				25563 6447N 17734E 0B 1				28440 5648N 06038E 0B 0				30758 5201N 11320E 0B 0							
030	24026	12	-51.2		9	72	264	2	030	23980	6	-51.0	11.4	8	77	279	2	030	23960	1	-52.1		2	79	271	3	
050	20689	11	-51.3		9	60	249	2	050	20642	1	-51.9	8.9	2	67	284	2	050	20665	1	-52.2		1	69	265	2	
100	16168	10	-49.7		9	15	207	1	100	16136	0	-50.7	7.4	0	37	319	1	100	16163	0	-50.2		0	41	256	2	
150	13509	10	-50.4		9	19	194	1	150	13500	0	-50.9	6.3	0	26	359	1	150	13511	0	-49.9		0	43	237	2	
200	11646	9	-52.5		9	17	219	1	200	11629	0	-52.1	5.8	0	27	8	2	200	11634	0	-51.8		0	33	220	3	
300	9019	9	-48.7		9	28	197	3	300	9015	0	-49.7	5.4	0	17	33	2	300	9013	0	-49.4		0	38	201	4	
500	5463	9	-23.7	7.7	9	26	202	2	500	5490	0	-24.8	6.6	0	17	20	1	500	5485	0	-24.8	6.2	0	44	217	3	
700	2937	9	-9.1	6.6	9	28	192	2	700	2965	0	-10.4	7.2	0	17	23	1	700	2959	0	-10.1	4.0	0	35	213	2	
850	1425	9	-3.1	3.6	9	24	111	1	850	1449	0	-3.6	4.2	1	40	12	1	850	1438	0	-1.9	2.9	0	39	204	2	
992	* 127		1.4	3.7					1002	* 137		-0.3	2.9					992	* 186		4.3	4.5					
ASIA - USSR				ASIA - USSR				ASIA - USSR				ASIA - USSR				ASIA - USSR				ASIA - USSR							
JAKUTSK				MYS SMIDTA				SEJMCAK				KORF				SVERDLOVSK				KOLPASEV							
24959 6205N 12945E 0B 1				25173 6855N 17929W 0B 1				25703 6255N 15225E 0B 0				25954 6021N 16600E 0B 1				28698 5456N 07324E 0B 1				28952 5313N 06337E 0B 0				29574 5600N 09253E 0B 0			
030	23940	0	-51.4		0	90	274	4	030	23924	0	-50.8		0	87	227	3	030	23956	7	-50.0		7	95	236	4	
050	20635	0	-52.0		0	77	275	3	050	20602	0	-51.0		0	87	220	3	050	20633	6	-50.7		6	81	230	3	
100	16132	0	-50.6		0	64	283	2	100	16074	0	-48.8		0	66	235	2	100	16106	6	-49.3		6	73	233	3	
150	13489	0	-50.8		0	47	291	2	150	13407	0	-47.6		0	51	251	2	150	13446	6	-48.5		6	60	238	3	
200	11621	0	-52.7		0	35	290	2	200	11509	0	-47.6		0	34	270	2	200	11562	6	-48.7		6	48	245	3	
300	9018	0	-50.0		0	24	305	2	300	8859	0	-49.2		0	29	305	3	300	8914	6	-48.7		6	30	281	3	
500	5489	0	-24.0	8.3	0	30	303	2	500	5355	0	-27.1	5.2	0	29	325	2	500	5392	6	-26.2	5.9	6	31	288	2	
700	2958	0	-9.3	8.4	0	11	322	1	700	2860	0	-13.2	4.2	0	23	338	2	700	2884	6	-11.2	4.3	6	22	303	1	
850	1437	0	-1.6	5.5	0	11	23	1	850	1365	0	-6.6	1.9	0	41	325	2	850	1371	6	-3.7	2.6	6	13	319	1	
1000	* 103		2.9	4.6					1010	* 7		0.8	1.7					1008	* 62		5.0	3.1					
ASIA - USSR				ASIA - USSR				ASIA - USSR				ASIA - USSR				ASIA - USSR				ASIA - USSR							
SEJMCAK				KORF				SVERDLOVSK				KOLPASEV				CITA				30758 5201N 11320E 0B 0							
030	23903	5	-50.8		6	97	276	4	030	23958	9	-49.4	12.3	9	90	253	4	030	23983	5	-51.9	12.1	5	99	277	6	
050	20590	5	-51.5		5	82	282	3	050	20642	3	-50.6	11.7	4	81	257	3	050	20688	5	-52.6	11.4	5	96	270	6	
100	16092	5	-51.0		5	84	315	3	100	16115	0	-49.4	10.4	0	77	268	3	100	16203	5	-51.4	10.0	5	88	268	8	
150	13456	5	-50.8		5	55	329	3	150	13450	0	-48.2	9.3	0	66	278	3	150	13565	5	-50.7	8.6	5	93	267	11	
200	11586	5	-51.6		5	55	336	4	200	11550	0	-48.3	7.7	0	57	285	3	200	11693	5	-51.5	7.2	5	88	268	11	
300	8970	5	-50.4		5	47	350	5	300	8908	0	-49.4	5.8	0	38	290	3	300	9069	4	-48.3	5.8	4	75	264	10	
500	5460	5	-26.2	6.9	5	56	354	4	500	5413	0	-26.8	6.8	0	49	296	3	500	5515	4	-22.6	7.2	4	75	265	8	
700	2954	5	-12.0	7.6	5	49	357	2	700	2907	0	-11.7	6.0	0	53	306	3	700	2966	4	-6.7	6.4	4	65	270	5	
850	1450	5	-5.8	3.6	6	63	355	3	850	1466	0	-5.7	6.7	0	70	266	4	850	1426	4	-1.5	4.1	4	65	271	4	
993	* 207		1.0	3.6					993	* 171		12.6	7.5					977	* 237		7.9	3.6					
ASIA - USSR				ASIA - USSR				ASIA - USSR				ASIA - USSR				ASIA - USSR				ASIA - USSR							
OMSK				KUSTANAJ				KIRENSK				KRASNODARSK				CITA				30758 5201N 11320E 0B 0							
28698 5456N 07324E 0B 1				28952 5313N 06337E 0B 0				30230 5746N 10807E 0B 0				29574 5600N 09253E 0B 0				30758 5201N 11320E 0B 0				30758 5201N 11320E 0B 0							

ASIA-USSR

UPPER AIR

SEPTEMBER 1990

ASIA-INDIA

UPPER AIR

SEPTEMBER 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps
				</td																						

ASIA-INDIA

UPPER AIR

SEPTEMBER 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
mb	gpm	%	°C	°C	%		°	mps	mb	gpm	%	°C	°C	%		°	mps	mb	gpm	%	°C	°C	%		°	mps		
ASIA - INDIA COCHIN/WILLINGDON 43353 0957N 07616E 0B 3																												
030									030	24267	17	-50.8					030	24203	4	-51.7				4	41	98	3	
050									050	20983	11	-57.5					050	20939	2	-55.9				2	24	249	2	
100	16707	5	-73.9						100	16786	3	-72.1					100	16707	1	-73.4				1	99	99	23	
150	14327	3	-65.0						150	14349	1	-63.8					150	14312	0	-64.9				0	99	96	29	
200	12505	1	-28.8	10.5					200	12506	0	-50.5					200	12501	0	-50.4				0	99	99	22	
300	9731	1	-3.3	9.5					300	9735	0	-28.4	8.4	1	82	87	9	300	9724	0	-29.1	11.2	0	93	108	9		
500	5869	1	11.0	7.0					500	5865	0	-3.7	8.8	1	33	5	3	500	5878	0	-4.2	9.4	0	29	337	1		
700	3136	0	18.8	4.2					700	3136	0	9.8	7.9	0	89	297	7	700	3149	0	11.4	10.9	0	90	307	5		
850	1494	0	26.9	1.7					850	1498	0	17.6	3.7	0	90	309	9	850	1497	0	19.5	6.8	0	97	322	12		
1009	*	3							1009	*	2						1001	*	64					26.9	3.9			
ASIA - HONG KONG KING'S PARK 45004 2219N 11410E 0B 1																												
030	23991	7	-54.9	29.9	1	98	89	15	030								030	24084	1	-51.7				2	31	290	1	
050	20776	2	-63.0	24.7	1	98	90	12	050								050	20798	1	-55.3				1	92	265	7	
100	16678	1	-77.3	12.6	0	94	79	9	100								100	16425	0	-59.5				0	96	261	22	
150	14294	1	-64.8	13.6	0	35	54	3	150								150	13887	0	-58.2				0	96	260	37	
200	12483	1	-50.9	12.4	0	26	32	2	200	12232	7	-50.9	8.3	5	93	250	37	200	12058	0	-53.6				0	94	257	45
300	9714	0	-29.1	12.9	0	31	62	2	300	9454	0	-36.5	8.3	5	87	260	7	300	9377	0	-39.5				0	92	255	33
500	5867	0	-4.2	9.0	0	5	47	1	500	5764	0	-11.8	11.8	2	75	275	3	500	5699	0	-14.9	16.9	0	90	261	17		
700	3137	0	10.6	7.0	0	14	344	1	700	3105	0	4.0	10.7	0	75	275	3	700	3075	0	0.7	18.1	1	73	269	7		
850	1492	0	18.6	4.1	0	33	48	2	850	1503	0	11.7	6.0	0	17	255	1	850	1494	0	8.2	9.9	1	36	266	3		
1001	*	66							1010	*	38						1014	*	11					16.5	4.1			
ASIA - JAPAN SAPPORO 47412 4303N 1412CE 0B 2																												
030	24066	1	-52.7		2	21	326	1	030	24088	2	-51.9		3	22	353	1	030	24100	4	-52.3				6	74	76	3
050	20799	1	-57.0		1	89	268	5	050	20815	1	-56.4		1	77	273	4	050	20836	1	-57.7				1	22	306	1
100	16481	0	-63.2		0	96	261	22	100	16487	0	-63.0		0	96	264	21	100	16563	0	-67.0				0	92	261	20
150	13978	0	-60.3		0	95	260	37	150	13986	0	-60.0		0	95	266	36	150	14098	0	-62.4				0	91	263	34
200	12160	0	-53.6		1	95	257	45	200	12171	0	-54.0		0	95	263	42	200	12290	0	-53.4				0	88	257	37
300	9463	0	-37.0	9.3	0	93	255	34	300	9472	0	-36.5	11.2	0	94	258	34	300	9570	0	-33.9	9.9	0	90	254	31		
500	5746	0	-12.5	14.7	0	87	257	16	500	5747	0	-11.9	16.2	0	92	258	19	500	5800	0	-9.1	16.0	0	86	255	15		
700	3098	0	3.3	18.8	0	76	255	8	700	3096	0	2.8	13.8	0	78	263	9	700	3124	0	5.2	14.2	0	76	251	8		
850	1504	0	10.0	5.1	0	46	243	3	850	1504	0	9.8	7.6	2	33	252	3	850	1514	0	12.9	6.5	0	65	225	5		
1013	*	19							1013	*	26						1014	*	10					20.7	3.6			
ASIA - JAPAN SENDAI 47590 3816N 14054E 0B 2																												
030	24090	6	-52.8		6	79	80	4	030	24098	4	-52.4		5	79	78	4	030	24083	2	-53.1				2	91	80	6
050	20836	1	-58.4		1	8	198	1	050	20848	2	-59.2		2	23	108	1	050	20833	0	-59.4				0	65	88	3
100	16589	1	-68.8		1	87	262	15	100	16604	0	-68.6		0	86	261	14	100	16515	0	-70.9				0	78	266	11
150	14137	1	-62.8		1	88	264	27	150	14154	0	-62.8		0	89	264	26	150	14180	0	-63.7				0	80	269	19
200	12332	1	-53.7		1	83	259	28	200	12346	0	-53.2		0	85	256	27	200	12376	0	-53.1				0	74	262	20
300	9610	1	-33.2	11.3	1	82	252	24	300	9616	0	-32.6	10.9	0	86	252	24	300	9647	0	-32.7	12.7	0	77	254	18		
500	5827	1	-8.0	14.9	1	84	252	14	500	5827	0	-7.8	12.7	0	81	255	13	500	5852	0	-7.1	13.0	0	78	249	12		
700	3139	0	6.2	12.7	0	67	244	7	700	3136	0	6.8	13.1	0	71	248	7	700	3153	0	7.5	10.2	0	71	235	7		
850	1523	0	13.9	4.6	0	46	226	3	850	1517	0	14.6	6.4	0	49	231	4	850	1529	0	15.4	5.1	0	38	191	3		
1013	*	43							1013	*	6						1012	*	31					22.0	2.7			
ASIA - JAPAN HACHIJOGIMA/OMURE 47678 3307N 13947E 0B 2																												
030	24085	2	-53.4		3	98	86	9	030	24106	3	-52.4		6	97	81	6	030	24092	5	-52.8				7	99	85	10
050	20846	1	-60.2		2	83	90	5	050	20853	2	-59.2		3	52	101	3	050	20841	4	-60.3				4	87	94	5
100	16656	0	-72.3		0	60	271	5	100	16630	0	-70.5		0	84	265	13	100	16646	0	-72.8				0	68	268	7
150	14235	0	-63.9		0	70	279	12	150	14196	0	-63.5		0	87	2												

ASIA-JAPAN

UPPER AIR

SEPTEMBER 1990

PRESSURE mb	LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND			
	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps		
ASIA - JAPAN																												
FUKUOKA																												
	47807	3335N	13023E	OB 2																								
030	24068	3	-53.4		5	94	81	9	030	24076	6	-53.2		7	98	84	11	030	24046	6	-53.8		8	99	82	13		
050	20830	2	-60.2		2	82	99	5	050	20836	4	-60.3		5	95	95	7	050	20818	4	-61.1		4	98	92	10		
100	16640	0	-72.1		0	80	265	11	100	16657	0	-73.3		0	61	268	5	100	16666	0	-75.3		0	12	63	1		
150	14222	0	-64.3		0	87	258	19	150	14248	0	-64.7		0	75	257	11	150	14268	0	-64.7		0	39	276	4		
200	12416	0	-52.6		0	86	257	20	200	12442	0	-52.2		0	76	268	12	200	12461	0	-51.9		0	36	276	5		
300	9673	0	-31.1	12.1	0	89	255	16	300	9692	0	-30.6	12.3	0	76	256	10	300	9707	0	-30.1	13.0	0	31	249	3		
500	5858	0	-5.8	11.9	1	81	245	10	500	5869	0	-5.4	16.2	0	59	236	6	500	5873	0	-4.7	14.1	0	34	217	3		
700	3150	0	8.3	11.1	0	50	237	5	700	3153	0	9.5	11.2	0	35	228	3	700	3152	0	10.3	13.4	0	32	170	3		
850	1520	0	16.4	5.9	0	16	211	1	850	1517	0	17.2	4.1	0	32	151	3	850	1511	0	18.2	6.2	0	34	138	3		
1011	*	14	25.1	5.1					980	*	283	23.4	2.4					978	*	295	24.0	1.2						
ASIA - JAPAN																												
KAGOSHIMA/YOSHINO																												
	47827	3138N	13035E	OB 2																								
030	24046	6	-53.8		8	99	84	11	030	24046	6	-53.8		8	99	82	13	030	24046	6	-53.8		8	99	82	13		
050	20818	4	-61.1		4	98	93	11	050	20818	4	-61.1		4	98	93	11	050	20792	2	-62.0		2	98	93	11		
100	16666	0	-75.3		0	75	268	5	100	16666	0	-75.3		0	75	268	5	100	16666	0	-75.3		0	78	72	5		
150	14268	0	-64.7		0	75	257	11	150	14268	0	-64.7		0	75	257	11	150	14268	0	-64.7		0	78	72	5		
200	12461	0	-51.9		0	76	268	12	200	12461	0	-51.9		0	76	268	12	200	12461	0	-51.9		0	78	72	5		
300	9707	0	-30.1	13.0	0	76	256	10	300	9707	0	-30.1	13.0	0	76	256	10	300	9707	0	-30.1	13.0	0	76	249	3		
500	5873	0	-4.7	14.1	0	76	236	6	500	5873	0	-4.7	14.1	0	76	236	6	500	5873	0	-4.7	14.1	0	76	217	3		
700	3152	0	10.3	13.4	0	76	228	3	700	3152	0	10.3	13.4	0	76	228	3	700	3152	0	10.3	13.4	0	76	170	3		
850	1511	0	18.2	6.2	0	76	151	3	850	1511	0	18.2	6.2	0	76	151	3	850	1511	0	18.2	6.2	0	76	138	3		
1011	*	24.0	1.2						978	*	295	24.0	1.2					978	*	295	24.0	1.2						
ASIA - JAPAN																												
NAZE/FUNCHATOGE																												
	47909	2823N	12933E	OB 2																								
030	24046	6	-53.8		8	99	82	13	030	24046	6	-53.8		8	99	82	13	030	24046	6	-53.8		8	99	82	13		
050	20818	4	-61.1		4	98	93	11	050	20818	4	-61.1		4	98	93	11	050	20792	2	-62.0		2	98	93	11		
100	16666	0	-75.3		0	75	268	5	100	16666	0	-75.3		0	75	268	5	100	16666	0	-75.3		0	78	72	5		
150	14268	0	-64.7		0	75	257	11	150	14268	0	-64.7		0	75	257	11	150	14268	0	-64.7		0	78	72	5		
200	12461	0	-51.9		0	76	268	12	200	12461	0	-51.9		0	76	268	12	200	12461	0	-51.9		0	78	72	5		
300	9707	0	-30.1	13.0	0	76	256	10	300	9707	0	-30.1	13.0	0	76	256	10	300	9707	0	-30.1	13.0	0	76	120	2		
500	5873	0	-4.7	14.1	0	76	236	2	500	5873	0	-4.7	14.1	0	76	236	2	500	5873	0	-4.7	14.1	0	76	155	4		
700	3152	0	10.3	13.4	0	76	228	3	700	3152	0	10.3	13.4	0	76	228	3	700	3152	0	10.3	13.4	0	76	130	5		
850	1511	0	18.2	6.2	0	76	151	3	850	1511	0	18.2	6.2	0	76	151	3	850	1511	0	18.2	6.2	0	76	119	6		
1011	*	27.0	4.0						1007	*	27	26.8	3.6					1010	*	15	26.7	3.2						
ASIA - JAPAN																												
MINAMIDAITOJIMA																												
	47945	2550N	13114E	OB 2																								
030	24003	2	-54.4		3	99	80	15	030	24003	2	-54.4		3	99	80	15	030	24003	2	-54.4		3	99	80	15		
050	20792	2	-62.0		2	98	93	11	050	20792	2	-62.0		2	98	93	11	050	20792	2	-62.0		2	98	93	11		
100	16666	0	-76.4		0	60	78	4	100	16666	0	-76.4		0	60	78	4	100	16666	0	-76.4		0	78	72	5		
150	14278	0	-65.1		0	29	322	3	150	14278	0	-65.1		0	29	322	3	150	14278	0	-65.1		0	78	72	5		
200	12478	0	-51.5		0	14	292	2	200	12478	0	-51.5		0	14	292	2	200	12478	0	-51.5		0	78	72	5		
300	9716	0	-30.2	13.0	1	15	360	2	300	9716	0	-30.2	13.0	1	15	360	2	300</										

ASIA-CHINA

UPPER AIR

SEPTEMBER 1990

LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADNESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADNESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADNESS	DIRECTION	SPEED
#6	9pm		°C	°C		%	o	mps	mb	9pm		°C	°C		%	o	mps	mb	9pm		°C	°C		%	o	mps
			ASIA - CHINA BEIJING 54511 3956N 11617E OB 1								ASIA - CHINA KUNMING 56778 2501N 10241E OB 1										ASIA - CHINA SHANGHAI 58367 3110N 12126E OB 1					
030	24118	5	-51.4	0.1	9	51	128	1	030	24041	5	-54.5		6	0	89	9	030	24097	3	-53.5		4	0	93	6
050	20846	3	-56.6	0.1	4	79	251	3	050	20826	1	-63.1		1	92	83	6	050	20879	1	-62.0		3	95	88	3
100	16524	3	-61.7	0.2	3	99	270	12	100	16732	1	-76.2		1	80	49	4	100	16737	0	-72.8		0	81	269	4
150	13987	2	-56.4	0.7	2	98	271	16	150	13885	1	-63.3		1	50	7	3	150	14298	0	-62.3	7.0	0	93	266	8
200	12166	1	-51.3	0.8	1	96	272	19	200	12508	1	-50.4	5.8	1	50	360	4	200	12470	0	-50.3	7.0	0	89	276	8
300	9453	0	-39.6	0.9	0	96	267	15	300	9735	1	-28.6	6.9	1	30	337	2	300	9703	0	-29.8	8.0	0	89	282	7
500	5763	0	-13.7	1.0	0	91	273	7	500	5879	0	-4.1	4.5	0	40	275	1	500	5865	0	-5.3	8.5	0	67	302	4
700	3121	0	2.9	0.9	0	71	278	3	700	3152	0	9.7	2.9	0	33	169	1	700	3145	0	9.2	9.6	0	56	209	3
850	1518	0	12.0	0.5	0	41	273	2	850	*1892		16.1	2.6					850	1513	0	16.2	7.5	0	34	135	2
1010	*	55	17.2	3.1														1013	*	7	23.2	2.6				
			ASIA - CHINA TAIPEI 58968 2502N 12131E OB 3								ASIA - CHINA GUANGZHOU 59287 2308N 11319E OB 1									AFRICA - MADEIRA FUNCHAL 08522 3238N 01654W OB 2						
030	24037	12	-52.3		9	98	90	16	030	23993	9	-57.1		9	0	88	9	030	24075	8	-52.8		9	97	88	10
050	20797	9	-61.1		9	87	82	12	050	20822	3	-66.1		6	0	85	6	050	20825	7	-59.0		7	84	98	6
100	16655	1	-76.5		6	83	81	6	100	16761	1	-75.6		2	88	68	4	100	16509	4	-62.0		4	77	251	7
150	14272	0	-65.7		0	7	45	1	150	13435	2	-62.5		25	355	1	150	14000	3	-60.5		3	81	262	12	
200	12468	0	-51.9		0	19	339	2	200	12515	1	-49.5	7.1	2	13	347	1	200	12196	2	-57.2		2	72	254	12
300	9710	0	-29.3	10.3	0	10	5	1	300	9732	1	-28.4	8.4	1	29	53	1	300	9526	0	-39.0	14.8	0	69	240	14
500	5865	0	4.3	8.0	0	9	196	1	500	5872	0	-3.8	6.3	0	17	32	1	500	5815	0	-11.1	18.1	0	70	242	9
700	3137	0	10.6	7.6	0	17	146	2	700	3135	0	10.7	4.9	0	14	336	1	700	3147	0	5.0	15.7	0	51	251	5
850	1493	0	18.0	4.1	0	50	104	4	850	1490	0	18.3	3.2	0	33	58	1	850	1543	0	11.4	3.8	0	51	281	3
1008	*	9	25.8	2.9					1007	*	8	26.1	3.6					1012	*	56	23.4	5.6				
			AFRICA - CAPE VERDE SAL 08594 1644N 02257W OB 2								AFRICA - ALGERIA TAMANRASSET 60680 2247N 00531E OB 3									AFRICA - NIGER NIAMEY-AERO 61052 1329N 00210E OB 3						
030	24058	2	-54.0		2	93	95	12	030									030								
050	20830	2	-60.1		2	92	85	9	050									050								
100	16649	1	-72.9		1	43	135	3	100									100	16632	2	-76.3		9	42	100	9
150	14249	1	-66.4		1	29	240	3	150	14280	0	-65.3		4	42	240	10	150	14252	1	-60.0		1	32	90	6
200	12454	1	-53.4		1	41	285	3	200	12415	0	-53.1		1	68	250	10	200	12454	0	-52.9		0	18	100	3
300	9709	1	-31.0	13.1	1	1	155	1	300	9658	1	-33.2	24.1	0	29	250	6	300	9712	0	-30.2	14.6	0	16	80	2
500	5880	1	-6.1	14.9	1	74	110	5	500	5914	1	9.1	19.7	0	76	70	13	500	5899	0	-6.8	10.7	0	48	90	9
700	3185	1	8.8	9.5	1	93	110	11	700	3221	1	11.4	18.1	0	74	80	8	700	3194	0	10.3	19.2	0	47	80	11
850	1543	1	19.6	12.8	1	73	80	7	850	971	*	381	26.6	5.1				850	1542	0	22.4	12.0	0	34	70	4
1009	*	55	27.8	5.9					869	*	1378		27.7	26.7				987	*	227	29.2	7.3				
			AFRICA - MALI TOMBOUCTOU 61223 1643N 00300W OB 2								AFRICA - MALI BAMAKO/SENOU 61291 1232N 00757W OB 2									AFRICA - MAURITANIA NOUADHIBOU 61415 2056N 01702W OB 2						
030									030									030								
050									050	20771	6	-61.4						050	20823	8	-61.1					
100	16643	0	-75.2		7	60	90	4	100	16633	0	-75.8						100	16639	5	-71.7					
150	14258	20	-66.3		6	47	110	3	150	14251	0	-66.7						150	14238	5	-66.5					
200	12459	0	-52.7		5	16	90	1	200	12457	0	-53.3						200	13365	5	-53.9					
300	9719	0	-31.5	17.9	5	46	40	3	300	9715	0	-31.0	11.9					300	9715	5	-44.5	12.4				
500	5911	0	-7.4	15.0	3	82	80	6	500	5896	0	-6.6	6.0					500	5923	4	-7.9	10.6				
700	3209	0	11.1	14.2	2	86	90	7	700	3193	0	8.9	6.8	9	90	90	13	700	3224	4	10.7	9.3	6	68	130	4
850	1548	0	25.1	20.2	2	55	80	3	850	1544	0	20.7	8.3	1	79	100	5	850	1564	4	14.1	15.7	4	65	70	4
982	*	264	33.6	15.7					971	*	381		26.6	5.1				1014	*	3	26.1	6.9				
			AFRICA - SENEGAL DAKAR/YOFF 61224 1444N 01730W OB 3								AFRICA - UNITED KINGDOM (OCEAN IS.) ST. HELENA IS. 61901 1556S 00540W OB 2									AFRICA - USA (OCEAN ISLANDS) WIDE AWAKE FIELD (ASCEN. IS) 61902 0758S 01424W OB 2						
030									030	23879	4	-60.0		2	27	299	1	030								
050									050	20684	0	-63.8		0	18	126	1	050								
100	16648	9	-76.3						100	16564	0	-73.6		0	81	293	8	100	16568	17	-77.0					
150	14273	3	-67.8						150	14150	0	-65.5		0	96	285	17	150	14195	16	-67.6					
200	12481	1	-53.5						200	12364	0	-55.1		0	96	279	21	200	12413	16	-55.6					
300	9743	0	-31.1	14.																						

AFRICA-USA

UPPER AIR

SEPTEMBER 1990

LEVEL				TEMPERATURE				VECTOR WIND				LEVEL				TEMPERATURE				VECTOR WIND				LEVEL				TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS		MEAN	Dew Point	MISSING DAYS		STEADINESS		DIRECTION		SPEED	PRESSURE	HEIGHT	MISSING DAYS		MEAN	Dew Point	MISSING DAYS		DIRECTION		SPEED	PRESSURE	HEIGHT	MISSING DAYS		MEAN	Dew Point	MISSING DAYS		STEADINESS		DIRECTION	
mb	gpm		°C	°C	%	o						mps	mb	gpm		°C	°C	%	o					mps	mb	gpm		°C	°C	%	o				mps
AFRICA - USA (OCEAN ISLANDS) DIEGO GARCIA 61967 0721S 07229E OB 1																																			
030													030	23942	4	-52.2				4	86	304	9	030											
050													050	20668	4	-56.9				4	93	278	14	050											
100													100	16322	3	-59.9				3	96	270	27	100	16671	9	-75.1								
150													150	13770	1	-56.3				0	97	269	37	150	14305										
200													200	11929	1	-53.6				1	95	266	40	200	12492	2	-51.7								
300	9665	5	-32.0	9.8	7	93	78						300	9284	0	-44.2				0	92	268	30	300	9740	2	-29.9	11.8	9	80	60	4			
500	5850	4	-5.8	9.3	4	58	140						500	5660	0	-17.6	14.8	0		90	270	22		500	5914	2	-6.7	5.4	9	67	20	4			
700	3135	3	9.1	7.2	4	44	116						700	3062	0	-2.0	17.3	0		88	272	15		700	3184	2	13.9	11.3	5	64	55	5			
850	1499	2	16.6	2.7	3	73	112						850	1501	0	3.3	5.8	0		89	278	12		850	1510	2	26.8	15.3	0	10	90	1			
1010	*	2	24.9	3.0									1015	*	29	13.8	3.6							963	*	380	-36.9	20.7							
AFRICA - ETHIOPIA ASMARA 63021 1517N 03855E OB				AFRICA - ETHIOPIA ADDIS ABABA 63450 0859N 03848E OB				AFRICA - UNITED REPUBLIC OF TANZANI DAR ES SALAAM AIRPORT 63894 06525 03912E OB 2																											
030													030	23929	17	-54.8								030	23929	17	-54.8								
050	18687	15	-68.8		15	93	5	14					050	20714	12	-61.3								050	20714	12	-61.3								
100	16609	14	-78.3		14	10	10	21					100	16530	2	-76.7				2	92	270	12	100	16566	8	-77.1								
150	14239	14	-66.4		14	95	15	21					150	14170	1	-67.6				2	93	280	13	150	14194	6	-67.5								
200	12441	14	-52.9	17.8	14	10	10	15					200	12380	1	-54.2	15.5	1		90	270	9		200	12404	6	-53.6								
300	9696	14	-30.6	21.2	14	10	5	9					300	9650	1	-31.5	17.8	3	10	295	8			300	9673	5	-31.9	15.3	7	39	143	3			
500	5879	14	-8.5	4.4	17	10	170	7					500	5836	1	-6.2	5.1	7	83	80	5			500	5862	5	-6.4	16.3	7	52	35	2			
700	3167	15	12.9	12.1	17	86	155	6					700	3120	1	11.0	0.7	5	80	280	4			700	3163	7	7.8	9.7	9	70	142	5			
773	*2325	14	23.6	19.3									766	*2324	1	19.1								850	1551	6	14.5	3.0	7	91	136	5			
AFRICA - CENTRAL AFRICAN REPUBLIC BANGUI 64650 0424N 01831E OB				AFRICA - COTE D'IVOIRE ABIDJAN 65578 0515N 00356W OB 2				AFRICA - ZAMBIA LUSAKA CITY AIRPORT 67666 1525S 02819E OB 2																											
030													030	23972	25	-58.7								030	23972	25	-58.7								
050													050	20677	17	-63.3								050	20677	17	-63.3								
100													100	16580	.11	-76.7								100	16580	.11	-76.7								
150	14229		-66.8										150	14238	3	-66.6								150	14186	6	-65.3								
200	12439		-53.5										200	12445	3	-52.9								200	12391	2	-53.9								
300	9698		-31.1										300	9703	3	-31.7	9.0	0		45	70	4		300	9664	0	-32.7	19.4	2	92	287	23			
500	5880		-6.3	10.5									500	5882	5					42	70	3		500	5868	2	-7.3	25.0	3	67	163	10			
700	3168		9.3	5.3									700	3174	3	9.3	4.3	0		45	90	4		700	3177	2	8.0	10.8	2	99	118	16			
850	1523		19.1	15.2									850	1535	3	16.6	0.7	0		14	70	1		850	1537	2	21.8	16.8	9	82	223	2			
971	*366		25.6	21.8									1014	*	8	24.0	0.7							875	*1280	2	26.0	16.8							
AFRICA - ZIMBABWE HARARE (BELVEDERE) 67774 1750S 03101E OB				AFRICA - ZIMBABWE BULAWAYO IGOETZ OBSY. 67964 2009S 02837E OB				AFRICA - SOUTH AFRICA PIETERSBURG 68174 2352S 02927E OB 1																											
030	23974	7	-54.7										030	23929	7	-54.0								030	20697	2	-64.0								
050	20779	6	-64.4										050	20732	7	-64.3								050	20697	2	-64.0								
100	16668	5	-73.8										100	16615	1	-72.1								100	16560	0	-71.1								
150	14230	4	-62.0			9	94	267	18				150	14176	1	-62.5				9	24	255	12	150	14115	0	-61.9								
200	12409	2	-51.4	21.6	7	89	267	17					200	12363	1	-53.9	19.7	9	79	344	13			200	1302	0	-53.4								
300	9667	1	-32.8	21.5	2	61	242	10					300	9640	1	-34.3	22.4	9	78	231	11			300	9594	0	-36.0	20.1	0	80	260	18			
500	5876	0	-7.6	23.9	1	75	156	6					500	5873	1	-9.1	22.3	9	70	151	5			500	5861	0	-10.4	22.6	0	60	248	6			
700	3183	0	7.3	11.5	1	50	124	4					700	3187	1	8.4	18.2	8	60	81	3			700	3184	0	7.5	17.4	0	22	223	2			

AFRICA-SOUTH AFRICA

UPPER AIR

SEPTEMBER 1990

LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED					
mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps
68588	29585	03057E	OB 1	AFRICA - SOUTH AFRICA DURBAN (LOUIS BOTHA)			AFRICA - SOUTH AFRICA CAPE TOWN (D.F. MALAN)			AFRICA - SOUTH AFRICA PORT ELIZABETH																					
030	23902	1	-55.1			1	72	266	6	030	23873	7	-55.8			9	94	277	15	030	23834	7	-57.3			7	93	277	13		
050	20689	0	-61.6			0	82	295	6	050	20655	2	-60.9			2	93	287	14	050	20638	5	-61.9			5	97	287	14		
100	16474	0	-66.5			0	94	269	19	100	16401	0	-64.4			1	99	274	26	100	16405	2	-65.2			2	97	270	23		
150	13992	0	-60.6			0	97	264	26	150	13898	0	-59.8			0	97	270	34	150	13905	2	-59.7			2	98	267	31		
200	12174	0	-53.9			0	94	261	29	200	12082	0	-55.3			0	93	269	31	200	12089	2	-55.2			2	89	268	31		
300	9502	0	-40.2	15.9		0	88	260	21	300	9428	0	-41.6	14.6		0	81	272	23	300	9444	2	-41.5	16.9		2	80	268	24		
500	5815	0	-13.1	19.9		0	80	264	11	500	5764	0	-14.7	19.1		0	76	273	14	500	5777	2	-14.4	23.3		2	86	278	16		
700	3165	0	-4.5	14.7		0	61	273	6	700	3132	0	-2.4	21.9		0	71	285	9	700	3143	2	-2.9	21.4		2	83	284	11		
850	1561	0	12.3	10.3		0	19	255	2	850	1536	0	11.6	16.8		0	53	293	4	850	1545	2	11.3	16.0		2	41	290	3		
1021	*	8	17.1	3.6					1015	* 42		11.7	2.6				*	60		13.4	2.6										
AFRICA - SOUTH AFRICA MARION ISLAND			N AMERICA - USA BARRON/W. POST W. ROGERS, AK.			N AMERICA - USA KOTZEBUE, RALPH WIEN, AK.																									
030	20253	2	-59.6			2	95	270	42	030	20600	7	-51.5			9	78	236	7	030	24044	11	-50.0			0	89	227	9		
050	15920	0	-59.9			0	93	267	40	100	16067	2	-48.6			4	74	245	7	100	16142	0	-48.6			1	83	225	9		
100	13374	0	-57.7			0	90	264	37	150	13391	2	-47.4			4	73	247	8	150	13470	0	-47.9			0	79	234	11		
150	11562	0	-58.7			0	87	262	35	200	11481	1	-47.0			3	75	246	9	200	11569	0	-47.5			0	76	235	12		
200	8970	0	-47.9	16.5		0	85	262	30	300	8828	0	-50.1			2	69	250	12	300	8911	0	-47.7			0	69	231	15		
300	5424	0	-24.0	15.4		0	91	264	26	500	5343	0	-28.7	7.0		1	57	256	7	500	5383	0	-25.7	7.1		1	61	229	8		
700	2895	0	-9.3	13.3		0	88	262	17	700	2856	0	-13.6	6.6		0	45	256	4	700	2868	0	-10.7	7.8		2	52	225	5		
850	1375	0	-3.1	4.6		0	81	273	11	850	1358	0	-6.8	6.1		0	14	261	1	850	1350	0	-2.9	5.3		2	25	196	2		
1006	*	22	4.0	2.7					1008	* 4		-0.7	1.9						1004	*	5	5.6	5.1								
N AMERICA - USA NAME, AK.			N AMERICA - USA BETHEL/BETHEL AIRPORT, AK.			N AMERICA - USA ANCHORAGE/INTL, AK.																									
030	23934	8	-51.2			9	89	228	9	030	20692	15	-52.0			9	84	225	10	030	23996	5	-52.7			5	80	247	5		
050	20615	8	-51.3			8	88	220	8	050	20696	4	-52.0			8	80	223	4	050	20696	4	-52.3			4	85	233	8		
100	16101	3	-50.1			3	86	232	8	100	16147	8	-50.0			9	84	225	10	100	16218	0	-51.7			2	82	235	11		
150	13444	2	-48.9			2	82	230	10	150	13509	3	-49.7			4	83	230	10	150	13586	0	-51.1			2	78	237	13		
200	11560	1	-49.1			2	82	234	12	200	11633	0	-50.8			0	83	228	14	200	11717	0	-52.3			2	78	235	17		
300	8915	1	-48.4			1	61	231	13	300	8995	0	-46.6			0	71	227	13	300	9086	6	-46.3			0	68	227	19		
500	5386	1	-25.7	8.0		1	51	230	7	500	5433	0	-22.6	6.8		0	61	223	7	500	5501	0	-20.9	5.7		0	72	223	12		
700	2866	1	-10.4	8.9		1	26	210	2	700	2886	0	-7.7	6.7		0	49	211	5	700	2938	0	-6.0	3.0		0	61	201	7		
850	1346	0	-2.8	4.3		1	5	151	0	850	1352	0	-0.4	4.3		0	37	199	3	850	1395	0	1.7	4.2		0	65	171	5		
1004	*	31	3.5	2.8					999	* 46		4.9	1.2						1002	*	40	8.9	2.6								
N AMERICA - USA COLD BAY, AK.			N AMERICA - USA YAKUTAT, AK.			N AMERICA - USA SHEMYA AFB, AK.																									
030	23993	9	-52.7			9	79	236	4	030	20778	9	-53.7			5	86	257	12	030	16213	7	-50.7			9	94	278	14		
050	20700	6	-52.6			6	89	225	7	050	20775	3	-61.6			3	96	244	9	050	13577	6	-49.5			7	87	287	19		
100	16210	1	-52.0			1	91	233	10	100	16293	1	-53.4			6	82	261	18	100	13687	8	-48.8			7	90	285	20		
150	13580	1	-51.2			1	88	232	13	150	13675	0	-53.0			5	82	265	24	150	11687	2	-55.5			7	90	285	20		
200	11702	0	-50.4			0	81	228	16	200	11822	0	-54.1			4	71	260	22	200	9030	6	-47.3			7	79	301	18		
300	9050	0	-46.4			-0	58	226	12	300	9186	0	-44.6			4	71	251	15	300	5479	3	-21.8	8.2		5	74	292	10		
500	5472	0	-20.9	6.8		0	59	224	9	500	5575	0	-19.5	6.5		1	76	251	15	500	2941	4	-8.1	7.2		5	59	311	6		
700	2906	0	-5.2	7.0		0	53	230	6	700	2995	0	-4.3	5.1		0	71	227	9	700	1408	1	-0.7	4.7		4	45	18	5		
850	1358	0	2.3	2.9		0	28	216	3	850	1445	0	2.4	2.8		0	65	190	5	850	1408	1	14.7	5.7		0	74	271	5		
1000	*	31	7.5	1.2					1011	* 9		23.1	1.2						1005	*	31	7.3	3.5								
N AMERICA - USA LONGVIEW, TX.			N AMERICA - USA BROWNSVILLE/INTL, TX.			N AMERICA - USA NASHVILLE/OLD HICKORY, TN.																									
030	24038	2	-54.3			3	99	86	1																						

N. AMER-USA

UPPER AIR

SEPTEMBER 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
mb	gpm		°C	°C		%	°	mb	gpm		°C	°C		%	°	mb	gpm		°C	°C		%	°	mps		
N AMERICA - USA MONETT, MO. 72349 3653N 09354W OB 2																										
030	24106	4	-53.1		4	53	80	4	030	24110	4	-52.6		5	77	71	3	030	24117	1	-52.2		1	35	38	2
050	20855	4	-58.8		4	14	19	1	050	20844	4	-57.1		5	18	263	1	050	20842	1	-56.4		2	31	270	2
100	16602	3	-67.9		3	71	295	7	100	16528	4	-64.1		4	86	279	10	100	16531	0	-64.3		1	88	293	11
150	14149	3	-63.6		3	79	289	12	150	14042	2	-61.9		2	87	283	21	150	14042	0	-61.5		1	88	290	18
200	12350	3	-54.9		3	81	276	16	200	12237	2	-55.0		2	86	283	26	200	12235	0	-55.2		1	86	286	21
300	9641	2	-35.1		2	72	276	12	300	9531	1	-36.7	8.1	1	86	282	21	300	9545	0	-36.8	8.6	0	85	284	20
500	5873	2	-7.9		2	59	284	6	500	5798	1	-10.8		2	89	282	14	500	5808	0	-10.4	10.4	0	84	285	12
700	3178	1	7.4	4.9	1	55	297	5	700	3128	1	4.8	8.9	2	83	282	9	700	3137	0	5.2	6.1	0	84	284	8
850	1547	1	17.2	7.8	2	63	271	4	850	1524	1	11.2	5.2	2	77	287	6	850	1527	0	12.0	5.0	0	73	281	5
966	* 437		18.4	3.1				1007	*		14.0	1.3					982	* 306		15.1	1.6					
N AMERICA - USA NORTH PLATTE/LEE BIRD, NE. 72562 4108N 10041W OB 2																										
030	24068	4	-52.7		.4	15	280	1	030	24076	1	-54.7		1	40	338	1	030	24083	4	-52.3		4	87	275	4
050	20825	1	-59.0		3	52	359	2	050	20848	1	-59.2		1	38	68	1	050	20821	4	-57.6		4	86	297	5
100	16559	0	-66.2		2	87	292	9	100	16545	0	-61.8		0	51	230	5	100	16486	2	-61.2		4	90	294	14
150	14084	0	-61.7		2	87	287	16	150	14015	0	-57.7		0	58	230	11	150	13970	1	-59.3		1	92	290	23
200	12276	0	-55.2		1	83	282	19	200	12176	0	-52.6		0	45	228	12	200	12150	1	-54.8		1	90	289	25
300	9589	0	-37.0	9.6	0	82	282	15	300	9493	0	-39.7		0	38	204	9	300	9465	0	-39.5		0	84	290	23
500	5845	0	-9.4		1	75	285	9	500	5797	0	-12.1	11.5	0	40	175	6	500	5767	0	-12.5	10.0	0	85	293	15
700	3160	0	7.9	9.5	0	65	292	5	700	3136	0	5.1	10.2	0	50	169	4	700	3114	0	3.6	10.1	1	78	290	10
850	1527	0	17.1	12.0	2	46	248	4	850	1521	0	13.7	7.7	0	60	111	2	850	1510	0	11.6	10.0	1	61	296	6
920	* 849		12.4	3.6				970	* 405		12.8	3.7					979	* 312		10.6	1.4					
N AMERICA - USA INT. FALLS/FALLS INTL, MN. 72747 4834N 09323W OB 2																										
030	24078	2	-52.3		2	84	288	5	030	24075	6	-51.8		7	70	306	3	030	24010	1	-56.2		1	61	315	3
050	20803	2	-56.0		2	89	304	6	050	20809	5	-57.4		5	85	315	5	050	20793	1	-60.0		1	79	315	4
100	16427	0	-58.4		0	92	296	15	100	16472	3	-61.1		4	92	287	14	100	16493	0	-62.1		0	87	282	12
150	13870	0	-56.4		0	91	293	24	150	13938	2	-58.8		3	92	282	23	150	13973	0	-59.3		0	86	271	20
200	12035	0	-54.4		0	89	292	28	200	12115	2	-55.4		2	90	286	26	200	12158	0	-56.1		0	81	271	22
300	9376	0	-41.1		0	85	294	26	300	9460	0	-39.9		1	83	288	20	300	9500	0	-39.9		0	72	275	15
500	5703	0	-14.6	11.0	0	83	296	18	500	5766	0	-12.7	10.3	0	86	289	14	500	5800	0	-12.0		0	84	274	11
700	3072	0	1.3	8.9	1	84	304	11	700	3114	0	3.8	11.1	1	88	303	9	700	3136	0	5.8	11.2	0	75	280	6
850	1488	0	8.2	6.6	1	70	298	7	850	1505	0	12.9	10.9	2	26	295	2	850	1516	0	15.5	14.0	0	75	280	6
973	* 361		8.6	-1.5				957	* 506		10.2	3.1					890	* 1115		10.0	7.4					
N AMERICA - USA SPOKANE/INTL, WA. 72785 4738N 11732W OB 2																										
N AMERICA - USA QUILLAYUTE, WA. 72797 4756N 12433W OB 2																										
030	24071	3	-54.8		4	63	322	2	030	24081	5	-55.5		5	62	311	3	030	23977	8	-53.9		6	91	287	7
050	20833	1	-58.8		1	74	303	4	050	20846	3	-58.5		3	60	291	3	050	20689	7	-53.1		6	92	279	9
100	16508	1	-60.7		1	82	271	9	100	16512	1	-59.8		1	81	257	8	100	16184	7	-50.4		7	92	274	14
150	13973	1	-58.1		1	78	260	16	150	13965	1	-57.8		1	68	253	11	150	13537	7	-50.4		7	91	275	18
200	12153	0	-55.9		1	68	260	17	200	12140	1	-55.6		1	51	262	10	200	11651	7	-50.8		7	88	276	21
300	9494	0	-40.0		0	64	255	12	300	9479	1	-40.3		1	36	260	7	300	9031	7	-48.4	7.5	7	81	278	22
500	5797	0	-12.2		0	66	257	8	500	5790	1	-12.7		1	48	246	5	500	5483	7	-23.0	8.4	6	90	272	14
700	3137	0	5.3	11.1	0	66	257	5	700	3134	0	4.5		0	43	263	2	700	2941	7	-7.9	7.4	6	92	280	10
850	1519	0	16.1	16.4	2	22	267	1	850	1527	0	12.8		0	11	301	0	850	1407	7	0.5	6.3	6	72	292	5
933	* 721		11.7	6.8				1012	* 62		11.6	1.1					999	* 60		3.7	2.7					
N AMERICA - CANADA ALERT, N.W.T. 71082 8230N 06220W OB 2																										
N AMERICA - CANADA EDMONTON(STONY PLAIN), ALTA. 71119 5333N 11406W OB 2																										
030	24071	3	-54.8		4	63	322	2	030	24081	5	-55.5		5	62	311	3	030	23977	8	-53.9		6	91	287	7
050	20846	3	-58.5		1	74	303	4	050	20846	3	-58.5		3	60	291	3	050	20689	7	-53.1		6	92	279	9
100	16512	1	-59.8		1	82	271	9	100	16391	6	-56.7		6	91	280	14	100	16400	6	-57.2		6	92	273	13
150	13815	6	-55.5		1	78	260	16	150	13815	6	-55.5		6	89	282	21	150	13829	6	-54.8		6	89	278	21
200	11397	6	-45.0		6	71	146	9	200	11985	6	-56.6		6	85	281	23	200	11981	6	-52.8		6	87	278	26
300	8722	6	-51.8	8.3	6	64	155	12	300	9354	6	-42.4	8.8	6	82	284	24	300	9317	6	-41.5	11.2	6	83	278	23
500	5281	6	-31.3	7.9	6	54	155	7	500	5697	6	-15.9	9.6	6	84	284	17	500	5655	6	-15.3	13.1	6	83	273	14
700	2820	6	-16.6	5.7	6	45	158	4	700	3082	6	-0.2	8.9	6	91	283	12	700	3036	6	-0.6	11.0	6	74	278	9
850	1341	6	-10.2	4.5	6	23	240	2																		

N AMER-CANADA

UPPER AIR

SEPTEMBER 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING	MEAN	DEW POINT	MISSING	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING	MEAN	DEW POINT	MISSING	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING	MEAN	DEW POINT	MISSING	STEADINESS	DIRECTION	SPEED		
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps		
N AMERICA - CANADA																												
STEPHENVILLE, NFLD.																												
71815 4832N 05833W OB 2																												
030									030	24032	11	-51.6		9	95	260	6	030										
050									050	20745	9	-54.3		8	96	279	7	050										
100									100	16303	6	-54.0		7	93	281	14	100										
150	13851								150	13693	6	-51.9		6	89	281	20	150	13835									
200	12008	6	-53.7		6	87	242	28	200	11822	6	-51.4		6	84	282	23	200	12012	6	-56.8		6	83	280	21		
300	9342	6	-40.3	12.1	6	84	241	28	300	9165	6	-44.1	12.5	6	77	285	23	300	9371	6	-41.8	9.6	6	81	276	20		
500	5666	6	-14.7	15.7	6	85	248	19	500	5563	6	-20.0	12.3	6	78	288	14	500	5711	6	-15.6	12.3	6	87	276	15		
700	3044	6	-0.3	12.9	6	85	251	13	700	2987	6	-4.5	10.6	6	73	294	9	700	3093	6	0.1	13.8	6	90	269	9		
850	1472	6	5.1	6.2	6	77	247	8	850	1438	6	1.4	7.5	6	62	306	6	850	1511	6	9.3	10.7	6	78	253	5		
1008	*	61	11.8	2.1					1013	*	10	5.7	1.5					940	* 676	6	6.1	3.3						
N AMERICA - CANADA																												
MOOSONEE, ONT.																												
71836 5116N 08039W OB 2																												
030									030	24032	11	-51.6		9	95	260	6	030										
050									050	20745	9	-54.3		8	96	279	7	050										
100									100	16303	6	-54.0		7	93	281	14	100										
150									150	13693	6	-51.9		6	89	281	20	150	13835									
200	12008	6	-53.7		6	87	242	28	200	11822	6	-51.4		6	84	282	23	200	12012	6	-56.8		6	83	280	21		
300	9342	6	-40.3	12.1	6	84	241	28	300	9165	6	-44.1	12.5	6	77	285	23	300	9371	6	-41.8	9.6	6	81	276	20		
500	5666	6	-14.7	15.7	6	85	248	19	500	5563	6	-20.0	12.3	6	78	288	14	500	5711	6	-15.6	12.3	6	87	276	15		
700	3044	6	-0.3	12.9	6	85	251	13	700	2987	6	-4.5	10.6	6	73	294	9	700	3093	6	0.1	13.8	6	90	269	9		
850	1472	6	5.1	6.2	6	77	247	8	850	1438	6	1.4	7.5	6	62	306	6	850	1511	6	9.3	10.7	6	78	253	5		
1008	*	61	11.8	2.1					1013	*	10	5.7	1.5					940	* 676	6	6.1	3.3						
N AMERICA - CANADA																												
PRINCE GEORGE, B.C.																												
71896 5353N 12240W OB 2																												
030									030	24032	11	-51.6		9	95	260	6	030										
050									050	20745	9	-54.3		8	96	279	7	050										
100									100	16303	6	-54.0		7	93	281	14	100										
150									150	13693	6	-51.9		6	89	281	20	150	13835									
200	12008	6	-53.7		6	87	242	28	200	11822	6	-51.4		6	84	282	23	200	12012	6	-56.8		6	83	280	21		
300	9342	6	-40.3	12.1	6	84	241	28	300	9165	6	-44.1	12.5	6	77	285	23	300	9371	6	-41.8	9.6	6	81	276	20		
500	5666	6	-14.7	15.7	6	85	248	19	500	5563	6	-20.0	12.3	6	78	288	14	500	5711	6	-15.6	12.3	6	87	276	15		
700	3044	6	-0.3	12.9	6	85	251	13	700	2987	6	-4.5	10.6	6	73	294	9	700	3093	6	0.1	13.8	6	90	269	9		
850	1472	6	5.1	6.2	6	77	247	8	850	1438	6	1.4	7.5	6	62	306	6	850	1511	6	9.3	10.7	6	78	253	5		
1008	*	61	11.8	2.1					1013	*	10	5.7	1.5					940	* 676	6	6.1	3.3						
N AMERICA - CANADA																												
EUREKA, N.W.T.																												
71917 8000N 08556W OB 2																												
030	23970	7	-56.1		9	89	83	6	030	24016	15	-53.6	32.7	5	6	293	2	030	24023	9	-51.4		6	95	307	7		
050	20839	13	-59.6		9	87	79	5	050	20554	6	-50.4		6	12	202	1	050	20703	8	-51.1		6	95	303	8		
100	16122	6	-48.6		6	87	266	7	100	15992	6	-46.6		6	16	147	1	100	16170	9	-48.7		6	92	298	11		
150	13464	6	-47.2		6	87	268	10	150	13292	6	-44.8		6	15	135	1	150	13495	9	-47.4		6	90	298	14		
200	11567	6	-48.4		6	81	270	12	200	11365	6	-44.5		6	23	144	2	200	11592	9	-48.1		6	87	298	17		
300	8903	6	-49.7	8.0	6	86	264	22	300	9634	1	-34.5	14.6	1	66	261	10	300	9661	2	-31.1	11.5	2	76	66	6		
500	5411	6	-25.6	9.1	6	89	267	13	500	5862	2	-7.9	20.9	2	81	258	8	500	584									

S AMER-BRAZIL

UPPER AIR

SEPTEMBER 1990

LEVEL				TEMPERATURE			VECTOR WIND			LEVEL				TEMPERATURE			VECTOR WIND			LEVEL				TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED						
mb	gpm	°C	°C	%	o	mps	mb	gpm	°C	°C	%	o	mps	mb	gpm	°C	°C	%	o	mps	mb	gpm	°C	°C	%	o	mps					
	S AMERICA - BRAZIL SAO PAULO (AEROPORTO) 83780 2337S 04639W OB 2							S AMERICA - BRAZIL CURITIBA (AEROPORTO) 83840 2531S 04910W OB 2							S AMERICA - BRAZIL PORTO ALEGRE (AEROPORTO) 83971 3000S 05111W OB 2																	
030	23423	9	-57.0					030	23945	11	-54.4				030	20632	7	-62.3														
050	20711	6	-63.2					050	20721	3	-60.7				050	16409	4	-64.3														
100	16540	5	-70.6					100	16507	3	-67.9				100	13903	4	-60.4														
150	14093	5	-64.4					150	14039	3	-62.7				150	12096	4	-55.8														
200	12294	5	-54.1					200	12231	3	-54.5				200	9423	4	-39.7	12.7													
300	9583	5	-35.7	14.0				300	9537	3	-37.5	14.7	5		300	5746	4	-14.5	15.1	4												
500	5832	5	-10.2	18.6	6			500	5810	3	-11.3	15.9	3		500	3110	3	1.5	12.3	3												
700	3151	5	5.1	12.7	5			700	3142	3	5.1	13.0	3		700	1521	3	8.8	7.3	3												
850	1536	5	12.5	7.4	5			850	1535	3	10.5	5.4	3		850	* 908	11.7	2.2														
928	* 803		15.7	7.0				916							1019																	
	S AMERICA - ARGENTINA CORDOBA AERO 87344 3119S 06413W OB 2							S AMERICA - ARGENTINA COMANDANTE ESPORA B.A. 87748 3844S 06210W OB 2							ANTARCTICA - SOUTH AFRICA S.A.N.A.E. STATION 89001 7018S 00221W OB 1																	
030								030	23874	5	-55.3				030																	
050								050	20639	2	-57.7				050																	
100	16356	1	-64.2					100	16278	2	-57.8				100	12296	12	-76.7														
150	13849	1	-58.3					150	13707	2	-55.1				150	10631	4	-73.6														
200	12029	1	-54.5					200	11866	2	-44.2				200	8200	4	-61.7	9.5	4												
300	9379	1	-42.3	17.5	1			300	9247	2	-45.9	13.1	5		300	4873	4	-38.4	9.0	4												
500	5738	0	-15.3	23.8	0			500	5659	2	-19.7	13.5	5		500	2487	4	-24.3	11.7	4												
700	3101	0	3.3	25.1	0			700	3078	2	-25.4	13.7	5		700	1059	4	-20.4	10.3	4												
850	1516	0	10.8	16.6	0			850	1517	2	5.6	13.0	3		850	975	* .62	-28.0	3.3													
963	* 474		8.7	4.3				1013	* 74		8.4	4.6																				
	ANTARCTICA - UNITED KINGDOM HALLEY 89022 7530S 02639W OB 1							ANTARCTICA - JAPAN SYOWA 89532 6900S 03935E OB 1							ANTARCTICA - AUSTRALIA DAVIS 89571 6835S 07758E OB 1																	
030								030	21281	1	-77.3				030	21510	8	-70.5														
050	21307	5	-32.9	12.7				050	18381	0	-79.7				050	14535	4	-72.6														
100	14620	2	-82.0	12.7				100	14455	0	-78.5				100	12191	4	-74.6														
150	12329	1	-78.1	12.3				150	12129	0	-75.4				150	10520	2	-72.4														
200	10674	1	-74.6	12.5				200	10450	0	-72.3				200	8093	1	-63.6														
300	8247	1	-61.7	11.9				300	8029	0	-64.5				300	4806	0	-42.1	7.1	9												
500	4916	0	-37.9	11.3				500	4766	0	-43.7				500	2451	0	-26.8	5.4	5												
700	2520	0	-22.5	8.1				700	2432	0	-29.2	9.0	1		700	3143	0	9.3	5.4	1												
850	1277	0						850	1033	0	-25.1	7.9	1		850	1033	0	-20.3	4.8	9												
970	* 32		9.8	33.0				976	* 21		-24.4	7.1			976	* 13		-18.6	3.8													
	ANTARCTICA - AUSTRALIA CASEY 89611 6616S 11032E OB 1							ANTARCTICA - FRANCE DUMONT D'URVILLE 89642 6640S 14001E OB 1							SW PACIFIC - MALAYSIA PENANG/BAYAN LEPAS 48601 0518N 10016E OB 3																	
030								030	22538	10	-52.3				030	23909	2	-56.1														
050	2	-55.7						050	19261	7	-56.7				050	20705	2	-62.4														
100	14802	0	-69.4					100	14967	3	-64.1				100	16564	0	-78.9														
150	12383	0	-69.3					150	12481	3	-65.1				150	14214	0	-67.7														
200	10660	0	-67.8					200	10749	0	-65.1				200	12423	0	-53.1														
300	8190	0	-60.9					300	8257	0	-58.6				300	9679	0	-30.5	8.0	4												
500	4869	0	-39.2	8.7	1			500	4889	0	-36.4	10.0	0		500	5857	0	-5.7	4.4	1												
700	2481	0	-22.4	8.9	1			700	3016	0	-22.4	9.8	0		700	14231	0	-66.5	2													
850	1035	0	-16.6	5.0	1			850	1346	0	-19.5	10.8	1		850	14333	0	-52.3	0													
970	* 15		-15.4	2.1				972	* 43		-17.2	6.0			972	1009	*	4	0	25.7	2.0											
	KOTA BHARU 48615 0610N 10217E OB 3							ANTARCTICA - MALAYSIA KUALA LUMPUR/PETALING JAYA 48648 0306N 10139E OB 3							SW PACIFIC - MALAYSIA KUANTAN 48657 0337N 10313E OB 3																	
030	23894	5	-56.3					030	23896	8	-56.8				030	23925	7	-56.3														
050	20691	3	-62.1					050	20699	2	-63.0				050	20728	2	-62.7														
100	16544	0	-77.8					100	16562	0	-78.2				100	16592	1	-78.7														
150	14197	0	-68.3					150	14203	0	-67.5				150	14231	0	-66.5														
200	12413	0	-54.3					200	12411	0	-53.1				200	12433	0	-52.3														
300	9681	0	-31.4	7.1	0			300	9672	0	-31.3	9.2	1		300	9685	0	-30.5	10.8	0												
500	5861	0	-5.7	4.2	1			500	5856	0	-6.1	5.6	1		500	5861	0															

SW PAC-SINGAPORE

UPPER AIR

SEPTEMBER 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND																					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED																
mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps																			
SW PACIFIC - SINGAPORE SINGAPORE/CHANGI AIRPORT 48698 0122N 10359E 0B 2												SW PACIFIC - USA (PACIFIC OCEAN NORTH) MIDWAY ISLAND 91066 2813N 17722W 0B 2												SW PACIFIC - USA (PACIFIC OCEAN NORTH) LIHUE, KAUAI, HAWAII 91165 2159N 15921W 0B 2																		
030	23895	4	-55.8		7	97	270	14	030	20800	6	-60.3		8	97	89	10	030	23977	6	-55.0		6	99	94	15																
050	20699	4	-63.2		4	97	271	10	050	16582	2	-70.2		1	53	355	3	050	20767	5	-62.2		5	98	90	12																
100	16562	0	-77.8		1	87	82	13	100	14163	1	-65.8		1	57	355	7	100	16588	2	-71.3		2	64	266	3																
150	14210	0	-67.8		0	94	69	20	200	12381	2	-56.0		2	55	14	7	150	14172	2	-66.2		2	90	264	16																
200	12422	0	-53.4	9.6	0	92	72	14	300	9677	1	-33.8		1	50	360	5	300	12384	3	-54.7		3	92	271	19																
300	9678	0	-30.8	8.8	0	87	83	9	500	5891	1	-7.0		1	38	338	3	500	5880	0	-6.2		0	33	17	1																
500	5852	0	-5.4	5.9	0	72	87	5	700	3186	1	8.5	10.7	1	6	40	0	700	3171	0	8.4	10.8	1	66	83	3																
700	3135	0	9.1	5.6	0	32	203	2	850	1557	2	15.5	6.2	2	21	92	1	850	1546	0	14.4	2.4	1	95	75	7																
1007	* 16	28.3	4.1		0	65	195	4	1017	* 13	25.8	5.7					1012	* 45	25.2	4.3																						
SW PACIFIC - USA (PACIFIC OCEAN NORTH) HILO/GEN. LYMAN, HAWAII, 91285 1943N 15504W 0B 2												SW PACIFIC - USA (PACIFIC OCEAN NORTH) TRUK, CAROLINE IS. 91334 0728N 15151E 0B 1												SW PACIFIC - VANUATU BAUERFIELD (EFATE) 91557 1742S 16818E 0B 1																		
030	23929	9	-56.0		9	99	92	14	030	23982	7	-56.0		7	21	288	1	030	23888	1	-55.1	30.2	1	35	56	2																
050	20730	6	-63.3		6	97	91	10	050	20781	6	-62.4		7	36	141	1	050	20684	1	-49.7	26.7	1	25	180	1																
100	16587	0	-73.1		0	56	257	3	100	16636	3	-77.3		3	80	83	6	100	16568	0	-82.1	14.7	0	87	261	12																
150	14191	0	-66.4		0	94	256	17	150	14275	2	-67.4		2	80	58	12	150	14199	0	-41.7	15.5	0	93	263	22																
200	12397	0	-53.9		0	95	266	19	200	12480	2	-52.6		2	83	59	10	200	12412	0	-53.7	18.5	0	92	265	25																
300	9670	0	-32.7		0	90	271	11	300	9726	2	-29.8	8.9	2	78	91	7	300	9676	0	-31.7	23.4	0	92	269	12																
500	5870	0	-6.3		0	27	359	1	500	5887	2	-4.9	6.5	2	74	104	5	500	5867	0	-6.2	24.3	0	85	275	14																
700	3162	0	7.6	6.9	0	61	89	3	700	3162	1	9.9	4.9	1	38	97	2	700	3157	0	9.0	15.9	0	76	280	8																
850	1537	0	14.7	1.6	1	81	78	4	850	1517	1	18.4	4.2	2	8	207	0	850	1530	0	13.8	3.8	0	34	93	2																
1014	* 11	22.2	1.3						1010	* 2	28.3	3.9					1013	* 21	25.0	5.5																						
SW PACIFIC - NEW CALEDONIA NOUMEA (NLLE-CALEDONIE) 91592 2216S 16627E 0B 1												SW PACIFIC - NEW ZEALAND (KIRIBATI) TARAWA 91610 0121N 17255E 0B												SW PACIFIC - NEW ZEALAND (TUVALU) FUNAFUTI 91643 0831S 17913E 0B																		
030	23896	12	-54.0		9	93	97	12	030	20758	22	-62.4		7	62	77	13	030	23923	18	-56.1																					
050	20675	2	-60.9		9	15	126	2	050	16628	1	-79.2		7	62	77	13	050	20730	15	-63.3																					
100	16506	2	-72.3		9	98	275	21	100	14268	1	-66.8	10.8	6	53	86	8	100	16583	6	-79.0																					
150	14096	2	-65.7		9	96	274	29	150	14269	0	-52.2	10.4	6	65	82	11	150	14338	1	-67.9																					
200	12298	2	-52.9		9	97	282	34	200	12445	2	-53.5		2	93	258	11	200	12441	1	-53.5																					
300	9564	1	-32.2	15.2	4	97	280	35	300	9713	0	-30.5	9.5	5	66	62	16	300	9704	1	-31.2	14.6																				
500	5788	1	-9.3	16.5	1	97	284	25	500	5882	0	-5.4	8.0	5	95	85	21	500	5877	1	-5.4	15.8																				
700	3117	0	3.9	17.1	2	65	262	7	700	3159	0	10.3	7.9	6	95	93	19	700	3158	1	10.2																					
850	1528	0	8.2	7.8	4	69	300	5	850	1516	0	18.4	3.4	6	92	100	12	850	1515	1	18.4	7.5																				
1010	* 72	22.0	7.0		0	15	175	1	1010	* 4	30.3	5.0					1006	* 52	28.1	5.9																						
SW PACIFIC - FIJI NANDI 91680 1745S 17727E 0B 1												SW PACIFIC - USA (SAMOA) PAGO PAGO/INT. AIRPORT 91765 1420S 17043W 0B 2												SW PACIFIC - FRENCH POLY. (MARQUESAS) ATUONA 91925 0948S 13902W 0B 1																		
030	23875	8	-56.6		8	98	274	27	030	23866	9	-56.4		9	30	217	1	030	23914	22	-55.0		9	97	274	11																
050	20677	3	-64.1		8	97	272	28	050	20683	8	-64.5		8	86	280	6	050	20726	2	-62.2		6	80	267	6																
100	16568	0	-76.2		6	88	268	11	100	16609	4	-77.7		4	85	275	6	100	16020	0	-76.3		1	46	292	3																
150	14191	0	-67.3	12.7	8	98	274	27	150	14237	3	-67.1		3	91	267	11	150	14226	0	-66.8		1	55	300	6																
200	12400	0	-54.0	13.2	7	96	272	28	200	12392	1	-53.6		1	92	263	19	200	12430	2	-52.9		0	50	297	5																
300	9668	0	-32.2	13.2	7	96	242	22	300	9707	2	-31.4		2	87	262	8	300	9686	0	-31.4	18.1	0	15	216	2																
500	5858	0	-6.3	5.7																																						

SW PAC-N ZEALAND

UPPER AIR

SEPTEMBER 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND									
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED				
mb	gpm		°C	°C	%	o	mps	mb	gpm	°C	°C	%	o	mps	mb	gpm	°C	°C	%	o	mps	mb	gpm	°C	°C	%	o	mps		
SW PACIFIC - NEW ZEALAND KAITAIA 93012 35085 17316E OB 1																														
030								030								030														
050	20735	8	-53.8			8	44	122	3	050	20677	1	-48.4			1	92	264	11	050	20517	7	-47.6	27.3	7	97	270	24		
100	16316	5	-55.6			5	97	270	15	100	16137	2	-51.3			1	96	263	16	100	15963	4	-49.9	25.4	4	96	270	26		
150	13711	4	-51.8			4	97	273	22	150	13429	2	-51.6			1	92	261	18	150	13316	3	-51.4	24.2	4	92	273	25		
200	11814	4	-49.1			3	95	274	25	200	11646	1	-54.5			0	80	259	15	200	11560	3	-55.0	18.7	4	88	276	25		
300	9168	3	-46.7			1	85	274	17	300	9048	1	-49.9			0	59	252	12	300	8880	2	-51.1	12.7	3	79	272	23		
500	5611	3	-22.3	17.7	1	67	268	8	500	5526	1	-24.7	15.4	0	66	255	11	500	5456	1	-27.1	11.7	2	78	277	19				
700	3048	3	-4.9	20.3	1	58	258	5	700	2991	1	-8.0	12.6	0	70	272	11	700	2873	1	-10.1	12.2	3	80	262	16				
850	1499	3	2.0	4.6	1	46	264	3	850	1458	1	0.2	6.0	2	76	268	9	850	1354	1	-2.6	3.3	3	82	263	14				
1010	* 87	14.3	5.8					1016	*	1	10.6	6.1					1004	*	19	6.5	2.4									
SW PACIFIC - NEW ZEALAND CHATHAM ISLAND 93986 4357S 17634W OB 1																														
030	24045	7	-46.9	33.6	8	41	219	3	030	23856	1	-57.2			7	28	220	1	030	23842	5	-56.8		3	38	257	2			
050	20684	1	-49.0	32.7	2	73	257	6	050	20670	1	-63.6			7	77	247	5	050	20663	2	-63.9		0	83	256	5			
100	16157	1	-50.9	32.2	2	95	264	13	100	16579	0	-79.3			3	60	113	5	100	16574	2	-79.0		0	54	130	5			
150	13518	1	-50.6	32.1	2	91	264	15	150	14226	0	-67.5			3	21	273	2	150	14225	1	-68.1		0	27	226	3			
200	11649	1	-52.0	25.6	2	79	266	13	200	12435	0	-53.1			2	57	348	6	200	12435	1	-53.2		0	38	325	4			
300	9042	0	-49.6	16.2	1	48	271	9	300	9694	0	-31.2			0	39	301	3	300	9694	1	-31.1		0	38	323	3			
500	5520	0	-24.9	13.1	1	53	270	7	500	5869	0	-5.0	5.6	0	33	253	2	500	5869	0	-5.2	25.4	0	39	270	2				
700	2985	0	-7.7	16.2	1	50	252	6	700	3157	0	7.2			1	71	137	6	700	3154	0	9.2	23.6	0	22	280	1			
850	1451	0	0.0	6.5	1	48	245	5	850	1538	0	16.1	13.5	0	97	103	11	850	1533	0	14.6	8.8	0	93	105	10				
1010	* 48	10.6	3.8					1012	*	30	25.3	5.9					1009	*	54	25.4	6.5									
SW PACIFIC - AUSTRALIA BROOME AIRPORT 94203 1757S 12213E OB 1																														
030	23858	0	-55.9		0	91	81	8	030	23709	2	-54.1			2	96	94	10	030	23871	9	-55.7		9	83	92	5			
050	20663	0	-63.7		0	90	119	6	050	20655	2	-63.7			0	62	100	4	050	20679	6	-63.9		7	36	154	8			
100	16570	0	-77.5		0	50	253	5	100	16542	0	-76.0			0	90	259	13	100	16572	5	-77.1		6	72	250	8			
150	14197	0	-66.2		0	86	272	15	150	14165	0	-66.8			0	93	261	24	150	14206	1	-67.1		1	87	262	16			
200	12400	0	-52.8		0	93	280	19	200	12375	0	-53.7			1	94	272	27	200	12414	1	-53.5		1	90	274	18			
300	9656	0	-31.1		0	95	281	21	300	9644	0	-32.0			0	93	270	26	300	9675	0	-31.5		0	85	273	15			
500	5843	0	-6.0	26.4	0	92	265	11	500	5841	0	-6.3	20.0	1	94	266	14	500	5858	0	-5.3	32.4	2	92	282	10				
700	3159	0	5.1	13.5	0	58	37	4	700	3152	0	5.1	29.2	1	47	148	3	700	3150	0	7.7	24.2	0	61	285	4				
850	1539	0	18.1	19.7	0	56	101	3	850	1553	0	10.6	10.9	0	86	108	9	850	1539	0	12.1	7.0	0	92	125	8				
1010	* 9	22.2	6.9					1019	*	6	22.5	9.9					1017	*	9	24.7	7.2									
SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KUCHING 96413 0129N 11020E OB 3																														
030	23902	11	-55.7		16	97	268	13	030	23907	10	-56.5			22	95	269	10	030	23910	12	-56.3		15	74	280	5			
050	20719	5	-62.3		9	89	271	9	050	20706	4	-62.3			12	87	267		050	20719	0	-62.5		4	43	285				
100	16575	1	-77.9		3	84	78	12	100	16559	1	-78.3			15	95	81	13	100	16583	0	-78.9		1	89	84	12			
150	14215	0	-66.9		0	89	74	18	150	14199	1	-66.9			12	91	73	17	150	14227	0	-66.5		0	93	71	17			
200	12421	0	-53.5		0	92	71	16	200	12406	1	-53.7			9	93	72	17	200	12429	0	-52.7		0	92	76	17			
300	9683	0	-31.3	7.8	0	90	81	8	300	9673	1	-37.9	7.6	8	87	83	8	300	9683	0	-30.9	6.8	0	87	87	8				
500	5862	0	-5.9	5.0	0	74	89	4	500	5861	1	-6.1	5.0	7	65	87	4	500	5861	0	-5.4	6.8	0	52	88	3				
700	3149	0	9.1	6.6	0	288	1	4	700	3153	1	8.6	5.1	10	45	277	2	700	3144	0	9.5	6.5	0	41	272	2				
850	1511	0	18.7	6.0	0	21	231	1	850	1517	1	18.1	5.4	6	43	269	2	850	1505	0	18.5	6.3	0	70	249	4				
1008	* 27	0	25.5	2.2	1	8			1011	*	5	26.0	3.7					1009	*	3	0	26.9	3.8							
SW PACIFIC - MALAYSIA(SABAH & SARAWAK) TAWAU 96481 0416N 11753E OB 1																														
030	23933	5	-56.5		21	86	262	7																						
050	20736	3	-61.9		18	94	261																							
100	16589	2	-78.2		12	81</td																								

EUROPE-YUGOSLAVIA

UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	
EUROPE - YUGOSLAVIA ZAGREB/MAKSIMIR								N AMERICA - CANADA NORMAN WELLS, N.W.T.								N AMERICA - CANADA ALERT, N.W.T.											
13130	JUL 1990	4549N	01602E	OB 3	71043	JUL 1990	6517N	12648W	OB 2	71082	JUL 1990	8230N	06220W	OB 2													
030	24383	10	-48.8		10	93	98	8	030	24461	12	-43.9		6	94	77	5	030									
050	21062	6	-52.8		2	81	102	5	050	21062	8	-46.7		6	58	48	2	050									
100	16636	0	-56.1		0	63	268	7	100	16474	6	-47.7		6	59	296	3	100									
150	14045	0	-53.0		0	83	270	15	150	13803	6	-48.5		6	57	287	5	150	13603								
200	12177	0	-50.5		0	76	277	18	200	11920	6	-51.7		6	43	293	6	200	11641	6	-40.4		6	19	212	2	
300	9495	0	-40.1	8.8	0	66	281	15	300	9282	6	-44.9	8.1	6	36	291	6	300	8914	6	-45.9	10.9	6	33	263	6	
500	5797	0	-12.2	12.6	0	65	285	8	500	5668	6	-18.2	9.2	6	57	300	6	500	5394	6	-26.6	9.5	6	40	266	5	
700	3142	0	3.4	10.5	0	51	309	4	700	3069	6	-1.3	8.1	6	77	295	6	700	2883	6	-10.8	6.0	6	57	245	4	
850	1540	0	12.3	6.4	0	28	357	2	850	1488	6	9.7	8.9	6	32	279	2	850	1366	6	-2.5	3.3	6	79	249	5	
1003	*	128	0	20.6	7.9			1003	*	60		13.1	6.0					1000	*	63		3.1	2.8				
N AMERICA - CANADA EDMONTON(STONY PLAIN), ALTA.								N AMERICA - CANADA MANIOWKI, QUE.								N AMERICA - CANADA STEPHENVILLE, NFLD.											
71119	JUL 1990	5333N	11406W	OB 2	71722	JUL 1990	4623N	07558W	OB 2	71815	JUL 1990	4832N	05833W	OB 2													
030	24354	8	-47.5		8	96	83	6	030	24304	6	-48.8		6	97	79	6	030									
050	21009	8	-51.5		6	74	54	2	050	20978	6	-52.7		6	35	17	1	050									
100	16529	6	-52.4		6	87	264	7	100	16554	6	-56.7		6	85	281	11	100									
150	13903	6	-51.2		6	88	259	12	150	13979	6	-55.3		6	85	275	23	150	13922								
200	12034	6	-53.0		6	78	251	14	200	12132	6	-52.6		6	82	276	31	200	12059	7	-50.2		6	93	268	31	
300	9383	6	-42.0	9.3	6	75	257	12	300	9444	6	-38.3	10.8	6	83	273	28	300	9364	7	-39.5	11.1	6	93	266	31	
500	5717	6	-15.1	10.1	6	69	268	7	500	5737	6	-12.9	12.8	6	86	282	17	500	5680	7	-13.9	17.4	6	93	269	18	
700	3091	6	1.1	5.6	6	43	290	4	700	3092	6	1.8	10.7	6	84	291	10	700	3049	7	0.1	10.9	6	91	275	11	
850	1495	6	12.0	7.6	6	20	312	1	850	1503	6	10.0	5.5	6	71	289	6	850	1469	7	8.2	5.5	6	82	270	8	
927	*	766	11.9	1.9				995	*	170		15.2	1.8					1006	*	61		14.0	1.9				
N AMERICA - CANADA MOOSONEE, ONT.								N AMERICA - CANADA PRINCE GEORGE, B.C.								N AMERICA - CANADA FROBISHER BAY, N.W.T.											
71836	JUL 1990	5116N	08039W	OB 2	71896	JUL 1990	5353N	12240W	OB 2	71909	JUL 1990	6345N	06833W	OB 2													
030	24329	10	-46.8		6	95	77	5	030	24345	9	-47.1		6	96	92	6	030									
050	20975	8	-50.5		6	47	341	2	050	21000	8	-51.2		6	70	95	3	050									
100	16487	7	-52.3		6	85	287	10	100	16512	6	-51.5		6	75	246	5	100									
150	13858	7	-50.3		6	85	287	18	150	13876	6	-50.7		6	84	250	10	150	13670								
200	11978	7	-50.0		6	82	290	22	200	12006	6	-52.5		6	79	248	11	200	11763	6	-48.6		6	70	276	8	
300	9304	7	-42.4	11.7	6	76	296	19	300	9358	6	-43.3	9.3	6	67	241	9	300	9125	6	-46.0	8.6	6	60	272	10	
500	5657	7	-16.5	13.6	6	82	296	12	500	5713	6	-15.7	14.0	6	60	242	5	500	5530	6	-19.9	9.3	6	42	265	5	
700	3046	7	-1.1	7.0	6	79	294	10	700	3095	6	0.1	7.4	6	38	241	3	700	2956	6	-4.7	9.2	6	30	277	2	
850	1469	7	7.9	4.8	6	80	290	8	850	1504	6	11.5	8.7	6	48	311	2	850	1407	6	2.5	5.3	6	15	140	1	
* 10		9.6	2.7					938	*	676		10.5	3.7					1007	*	21		6.5	3.7				
N AMERICA - CANADA EUREKA, N.W.T.								N AMERICA - CANADA BAKER LAKE, N.W.T.								N AMERICA - CANADA INUVIK, N.W.T.											
71917	JUL 1990	8000N	08556W	OB 2	71926	JUL 1990	6418N	09600W	OB 2	71957	JUL 1990	6819N	13332W	OB 2													
030	24531	6	-40.4		6	94	81	4	030	24489	10	-42.7		6	87	58	4	030	24467	9	-44.1		8	95	75	4	
050	21059	6	-41.6		6	81	61	3	050	21056	8	-44.7		6	78	10	3	050	21058	7	-46.3		6	53	36	2	
100	16357	6	-41.7		6	30	5	2	100	16439	8	-46.4		6	87	317	7	100	16464	6	-47.2		6	65	296	4	
150	13611	6	-41.4		6	40	326	3	150	13748	8	-46.0		6	85	306	9	150	13787	6	-48.1		6	67	293	6	
200	11660	6	-41.5		6	45	307	5	200	11837	8	-47.5		6	77	307	12	200	11900	6	-52.4		6	65	295	8	
300	8950	6	-47.6	8.7	6	45	299	8	300	9162	8	-44.5	9.7	6	59	310	12	300	9272	6	-44.8	8.6	6	54	304	8	
500	5426	6	-25.2	6.8	6	50	289	7	500	5559	8	-19.2	11.4	6	65	311	10	500	5651	6	-17.5	11.0	6	75	295	8	
700	2904	6	-9.6	4.3	6	56	289	5	700	2978	8	-3.9	9.3	6	65	313	7	700	3046	7	-1.7	9.7	6	71	288	5	
850	1382	6	-1.8	2.3	6	48	276	3	850	1424	8	3.2	4.7	6	49	330	5	850	1475	6	7.4	8.7	6	56	292	3	
1007	*	10	4.2	4.3				1005	*	49		8.5	2.9					1002	*	103		12.0	4.0				

EUROPE-DENMARK

UPPER AIR CORRECTIONS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps
030									030								030									
050									050								050									
100									100								100									
150									150								150									
200									200	10859	0	-67.3					200									
300	8283	0	-60.1						300	8397	0	-60.9					300									
500									500	5050	0	-36.8	9.8	0	61		500									
700									700								700									
850		*	40						850		*	14					850									
030									030								030									
050									050								050									
100									100								100									
150									150								150									
200									200	10859	0	-67.3					200									
300	8312	1	-61.4						300								300									
500									500								500									
700									700								700									
850		*	52						850	1261	0	-21.1					850									
030									030								030	23631	2	-47.1						
050									050								050	20275	0	-47.1						
100									100								100	15667	0	-46.0						
150									150								150	12971	0	-47.4						
200									200								200	11081	0	-50.2						
300									300								300									
500									500								500									
700									700								700									
850		*	52						850	*	14						850	*	66							
030									030								030									
050									050								050									
100									100								100									
150									150								150									
200									200								200									
300	8453	0	-54.9		0	71	244	15	300								300									
500	5084	0	-38.1		0	43	230	11	500								500									
700									700								700									
850		*	52						850								850									

STATION LIST RECENT DATA

40831	C	ABADAN	IRAN, ISLAMIC REP	63021	CT	ASMARA	ETHIOPIA
47409	C	ABASHIRI	JAPAN	62414	C	ASSWAN	Egypt
64756	C	ABECHE	CHAD	72791	C	ASTORIA/CLATSOP, OR.	USA
03091	C	ABERDEEN/DYCE	U KINGDOM	34880	C	ASTRAHAN	USSR
65578	CT	ABIDJAN	COTE D'IVOIRE	86218	C	ASUNCION/AEROPUERTO	PARAGUAY
72266	C	ABILENE, TX.	USA	65376	C	ATAKPAME	TOGO
41216	C	ABU DHABI BATEEN AIRPORT	U ARAB EMIRATES	61421	C	ATAR	MAURITANIA
41217	CT	ABU DHABI INTL AIRPORT	U ARAB EMIRATES	62680	C	ATBARA	SUDAN
62640	C	ABU HAMED	SUDAN	16716	C	ATHENSI/HELLINIKON	GREECE
62795	C	ABU NAMA	SUDAN	16714	C	ATHINA1/OBSERVATORY	GREECE
17352	CT	ADANA	TURKEY	72219	C	ATLANTA/MUN., GA.	USA
63450	CT	ADDIS ABABA	ETHIOPIA	72407	C	ATLANTIC CITY, NJ.	USA
94672	C	ADELAIDE AIRPORT	AUSTRALIA	91925	CT	ATUONA	FRENCH POLY.
41467	C	ADEN KHORMAKSAR	DEM YEMEN	93119	C	AUCKLAND AIRPORT	N ZEALAND
65585	C	ADIAKE	COTE D'IVOIRE	03322	T	AUGHTON	U KINGDOM
60620	C	ADRAR	ALGERIA	72218	C	AUGUSTA/BUSH FIELD, GA.	USA
87582	C	AEROPARQUE	ARGENTINA	72254	C	AUSTIN/ROBERT MUELLER., TX.	USA
17190	C	AFYON	TURKEY	87642	C	AZUL AERO	ARGENTINA
61024	C	AGADEZ	NIGER	83980	C	BAGE	BRAZIL
60250	C	AGADIR	MOROCO	71727	C	BAGOTVILLE, QUE.	CANADA
61974	C	AGALEGA	MAURITIUS	98328	C	BAGUIO	PHILIPPINES
42261	C	AGRA	INDIA	87750	C	BAHIA BLANCA AERO	ARGENTINA
42647	CT	AHMADABAD	INDIA	41150	C	BAHRAIN MUHARRAQ	BAHRAIN
60560	C	AIN SEFRA	ALGERIA	71926	CT	BAKER LAKE, N.W.T.	CANADA
61499	C	AIOUN EL ATROUSS	MAURITANIA	40766	C	BAKHTARAN	IRAN, ISLAMIC REP
07761	CT	AJACCIO	FRANCE	35796	C	BALHAS	USSR
31168	C	AJAN	USSR	72406	C	BALTIMORE/B-WASHINGTON, MD.	USA
47582	CT	AKITA	JAPAN	61291	CT	BAMAKO/SENOU	MALI
42933	C	AKOLA	INDIA	43295	C	BANGALORE	INDIA
72521	C	AKRON/AKRON-CANTON REG., OH.	USA	48455	CT	BANGKOK	THAILAND
04063	C	AKUREYRI	ICELAND	64650	T	BANGUI	CENTRAL AFRICAN REP
48062	C	AKYAB	BURMA	82784	C	BARBALHA	BRAZIL
94802	C	ALBANY AIRPORT	AUSTRALIA	80419	C	BARCELONA	VEZUELA
72518	C	ALBANY/ALBANY CO., NY.	USA	08181	C	BARCELONA/AEROPUERTO	SPAIN
06030	C	ALBORG	DENMARK & FAROE IS.	87765	C	BARLOCHE AERO	ARGENTINA
72365	C	ALBUQUERQUE/INTL, NM.	USA	29838	C	BARNaul	USSR
31004	CT	ALDAN	USSR	80410	C	BARQUISIMETO	VEZUELA
71082	CT	ALERT, N.W.T.	CANADA	82571	C	BARRA DO CORDA	BRAZIL
08359	C	ALICANTE	SPAIN	80091	C	BARRANCABERMEJA/YARIGUIES	COLOMBIA
94326	C	ALICE SPRINGS AIRPORT	AUSTRALIA	80028	C	BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA
42475	C	ALLAHABAD/BAMHRAULI	INDIA	83236	C	BARREIRAS	BRAZIL
72517	C	ALLENTOWN/A.-BETHLEHEM-, PA.	USA	70026	CT	BARROW/W. POST W. ROGERS, AK.	USA
36870	CT	ALMA-ATA	USSR	70086	C	BARTER ISLAND, AK.	USA
08487	C	ALMERIA/AEROPUERTO	SPAIN	98135	C	BASCO	PHILIPPINES
44277	C	ALTAI	MONGOLIA	89057	C	BASE ARTURO PRAT	CHILE
51076	C	ALTAY	CHINA	89059	C	BASE BERNARDO O'HIGGINS	CHILE
64754	C	AM-TIMAN	CHAD	91557	CT	BAUERFIELD (EFATE)	VANUATU
40270	C	AMMAN AIRPORT	JORDAN	60571	CT	BECHAR	ALGERIA
42071	C	AMRITSAR	INDIA	72412	C	BECKLEY(RALEIGH CTY.MUN), WV.	USA
89009	C	AMUNDSEN-SCOTT	USA	54511	CT	BEIJING	CHINA
25563	CT	ANADYR'	USSR	60402	C	BEJAIA	ALGERIA
70273	CT	ANCHORAGE/INTL, AK.	USA	82191	C	BELEM	BRAZIL
91568	C	ANEITYUM	Vanuatu	82193	T	BELEM (AEROPORTO)	BRAZIL
04360	C	ANGMAGSSALIK	DENMARK	03917	C	BELFAST/ALDERGROVE AIRPORT	U KINGDOM
17130	CT	ANKARA/CENTRAL	TURKEY	43198	C	BELGAUM/SAMBRA	INDIA
60360	C	ANNABA	ALGERIA	03976	C	BELMULLET	IRELAND
70398	C	ANNETTE ISLAND, AK.	USA	83587	C	BELO HORIZONTE	BRAZIL
84542	C	ANTA (HUARAZ)	PERU	82246	C	BELTERRA	BRAZIL
17300	C	ANTALYA	TURKEY	40180	C	BEN-GURION INTL AIRPORT	ISRAEL
85442	C	ANTOFAGASTA	CHILE	60602	C	BENI ABBES	ALGERIA
40718	C	ANZALI	IRAN, ISLAMIC REP	60518	C	BENI-SAF	ALGERIA
98232	C	APARRI	PHILIPPINES	62053	C	BENINA	LIBYAN ARAB JAMAHIRI
80084	C	APARTADO	COLOMBIA	82410	C	BENJAMIN CONSTANT	BRAZIL
91762	C	APIA	SAMOA	13274	C	BEograd	YUGOSLAVIA
83096	C	ARACAJU	BRAZIL	13275	T	BEograd/ZELENO BRDO	YUGOSLAVIA
48462	C	ARANYAPRATHET	THAILAND	01317	C	BERGEN/FLORIDA	NORWAY
80099	C	ARAUCA/SANTIAGO PEREZ	COLOMBIA	10384	CT	BERLIN-TEMPELHOF	GERMANY, FED REP
83579	C	ARAXA	BRAZIL	78016	T	BERMUDA NAS KINDLEY	USA
44288	C	ARBAIHER	MONGOLIA	40179	T	BET DAGAN	ISRAEL
84752	C	AREQUIPA	PERU	70219	CT	BETHEL/BETHEL AIRPORT, AK.	USA
22550	CT	ARHANGEL'SK	USSR	68461	C	BETHLEHEM AIRPORT	SOUTH AFRICA
85406	C	ARICA	CHILE	42971	CT	BHUBANESWAR	INDIA
86330	C	ARTIGAS	URUGUAY	12295	C	BIALYSTOK	POLAND
47407	C	ASAHIKAWA	JAPAN	71848	C	BIG TROUT LAKE, ONT.	CANADA
38880	CT	ASHABAD	USSR	42165	C	BIKANER	INDIA
72315	C	ASHEVILLE/REG., NC	USA	72677	C	BILLINGS/LOGAN INTL, MT.	USA

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61017	C	BILMA	NIGER	80415	C	CARACAS/MAIQUETIA AEROP. INTL	VENEZUELA
72515	C	BINGHAMTON/BROOME CO., NY.	USA	83592	C	CARATINGA	BRAZIL
96441	CT	BINTULU	MALAYSIA	83498	C	CARAVELAS	BRAZIL
61401	C	BIR MOGHREIN	MAURITANIA	03715	C	CARDIFF-WALES AIRPORT	U KINGDOM
03534	C	BIRMINGHAM/AIRPORT	U KINGDOM	38687	C	CAROZO	USSR
61075	C	BIRNI-N'KONNI	NIGER	72712	C	CARIBOU/MUN., ME.	USA
60525	C	BISKRA	ALGERIA	94300	C	CARNARVON AIRPORT	AUSTRALIA
72764	CT	BISMARCK/MUN., ND.	USA	82765	C	CAROLINA	BRAZIL
15085	C	BISTRITA	ROMANIA	86580	C	CARRASCO	URUGUAY
01028	CT	BJORNOYA	NORWAY	80022	C	CARTAGENA/CRESPO	COLOMBIA
31510	CT	BLAGOVESCIENSK	USSR	78325	C	CASA BLANCA/HABANA	CUBA
68442	CT	BLOEMFONTEIN (J.B.M. HERTZOG)	SOUTH AFRICA	60155	C	CASABLANCA	MOROCCO
74492	C	BLU HILL OBS., MA.	USA	89611	CT	CASEY	AUSTRALIA
65510	C	BOBO-DIOULASSO	BURKINA FASO	72569	C	CASPER/NATRONA COUNTY I., WY.	USA
01152	T	BODO	NORWAY	78714	C	CATACAMAS	HONDURAS
01152	C	BODO VI	NORWAY	87222	C	CATAMARCA AERO.	ARGENTINA
30554	C	BOGDARIN	USSR	83676	C	CATANDUVA	BRAZIL
80222	CT	BOGOTA/ELDORADO	COLOMBIA	81405	C	CAYENNE/ROCHAMBEAU	FRENCH GUIANA
41883	C	BOGRA	BANGLADESH	94653	C	CEDUNA AIRPORT	AUSTRALIA
29282	C	BOGUCANY	USSR	89056	C	CENTRO MET. ANTARTICO "PDTE.	CHILE
65338	C	BOHICON	BENIN	87257	C	CERES	ARGENTINA
72681	C	BOISE/MUN., ID.	USA	84444	C	CHACHAPOYAS	PERU
61816	C	BOKE	GUINEA	87320	C	CHAMICAL AERO	ARGENTINA
83288	C	BOM JESUS DA LAPA	BRAZIL	48480	C	CHANTHABURI	THAILAND
43057	C	BOMBAY/COLABA	INDIA	72208	C	CHARLESTON/MUN., SC.	USA
43003	T	BOMBAY/SANTACRUZ	INDIA	72414	C	CHARLESTON/"EAGER AP, WV.	USA
31253	C	BOMNAK	USSR	94510	C	CHARLEVILLE AIRPORT	AUSTRALIA
65545	C	BONDOKOU	COTE D'IVOIRE	72314	C	CHARLOTTE/DOUGLAS, NC.	USA
61866	C	BONTHE	SIERRA LEONE	93986	CT	CHATHAM ISLAND	N ZEALAND
23884	C	BOR	USSR	71717	C	CHATHAM, N.B.	CANADA
91930	C	BORA-BORA	FRENCH POLY.	72324	C	CHATTANOOGA/LOVELL FIELD, TN.	USA
07510	CT	BORDEAUX/MERIGNAC	FRANCE	11406	C	CHEB	CZECHOSLOVAKIA
60444	C	BOROJ BOU ARRERIDJ	ALGERIA	56294	C	CHENGDU	CHINA
65516	C	BOROMO	BURKINA FASO	87322	C	CHEPES	ARGENTINA
72509	C	BOSTON/LOGAN INTL, MA.	USA	07024	C	CHERBOURG	FRANCE
60515	C	BOU-SAADA	ALGERIA	42515	C	CHERRAPUNJI	INDIA
65555	C	BOUAKE	COTE D'IVOIRE	72564	C	CHEYENNE, WY.	USA
61296	C	BOUGOUNI	MALI	41768	C	CHHOR	PAKISTAN
07255	C	BOURGES	FRANCE	48327	CT	CHIANG MAI	THAILAND
03862	C	BOURNEMOUTH AIRPORT	U KINGDOM	72530	C	CHICAGO/O'HARE, IL.	USA
61461	C	BOUTILIMIT	MAURITANIA	47971	CT	CHICHIJIMA	JAPAN
83377	C	BRASILIA	BRAZIL	84452	C	CHICLAYO	PERU
83378	T	BRASILIA (AEROPORTO)	BRAZIL	84531	C	CHIMBOTE	PERU
30309	C	BRATSK	USSR	41978	C	CHITTAGONG (PATENGA)	BANGLADESH
07110	CT	BREST/GUIPAVAS	FRANCE	60425	C	CHLEF	ALGERIA
16320	CT	BRINDISI	ITALY	44259	C	CHOIBALSAN	MONGOLIA
94578	C	BRISBANE AIRPORT	AUSTRALIA	78724	C	CHOLUTECA	HONDURAS
11723	C	BRNO/TURANY	CZECHOSLOVAKIA	47648	C	CHOSHI	JAPAN
94203	CT	BROOME AIRPORT	AUSTRALIA	93780	C	CHRISTCHURCH AIRPORT	N ZEALAND
72250	CT	BROWNSVILLE/INTL, TX.	USA	48517	C	CHUMPHON	THAILAND
80094	C	BUCARAMANGA/PALONEGRO	COLOMBIA	71913	C	CHURCHILL, MAN.	CANADA
12843	CT	BUDAPEST/LORINC	HUNGARY	38262	C	CIMBAJ	USSR
12840	C	BUDAPEST/METEOROLOGIA	HUNGARY	72421	C	CINCINNATI/GREATER CIN., OH.	USA
80251	C	BUENAVENTURA/COLPUERTOS	COLOMBIA	30758	CT	CITA	USSR
72528	C	BUFFALO/GREATER BUFFALO, NY.	USA	80444	C	CIUDAD BOLIVAR	VENEZUELA
67964	CT	BULAWAYO (GOETZ OBSY.)	ZIMBABWE	15120	CT	CLUJ-NAPOCA	ROMANIA
44239	C	BULGAN	MONGOLIA	71090	C	CLYDE, N.W.T.	CANADA
15655	C	BURGAS	BULGARIA	76741	C	COATZACOALCOS, VER.	MEXICO
72617	C	BURLINGTON/INTL, VT.	USA	94711	C	COBAR	AUSTRALIA
17116	C	BURSA	TURKEY	43353	T	COCHIN/WILLINGDON	INDIA
16560	CT	CAGLIARI/ELMAS	ITALY	96996	C	COCOS ISLAND AIRPORT	ISLANDS
94287	C	CAIRNS AIRPORT	AUSTRALIA	94791	C	COFFS HARBOUR AIRPORT	AUSTRALIA
62366	C	CAIRO	EGYPT	21946	C	COKURDAH	USSR
84472	C	CAJAMARCA	PERU	70316	CT	COLD BAY, AK.	USA
42807	C	CALCUTTA/ALIPORE	INDIA	43466	C	COLOMBO	SRI LANKA
42809	T	CALCUTTA/DUM DUM	INDIA	86560	C	COLONIA	URUGUAY
80259	C	CALI/PALMASECA	COLOMBIA	72310	C	COLUMBIA, SC.	USA
71925	C	CAMBRIDGE BAY, N.W.T.	CANADA	72445	C	COLUMBIA/REGIONAL, MO.	USA
93944	CT	CAMPBELL ISLAND	N ZEALAND	72428	C	COLUMBUS/PORT COLUMBUS, OH.	USA
83611	C	CAMPO GRANDE	BRAZIL	87748	T	COMANDANTE ESPORA B.A.	ARGENTINA
83612	T	CAMPO GRANDE (AEROPORTO)	BRAZIL	87860	C	COMODORO RIVADAVIA AERO	ARGENTINA
17112	C	CANAKKALE	TURKEY	61832	C	CONAKRY/GBESSION	GUINEA
94926	C	CANBERRA AIRPORT	AUSTRALIA	82861	C	CONCEICAO DO ARAGUAIA	BRAZIL
72304	C	CAPE HATTERAS, NC.	USA	86134	C	CONCEPCION	PARAGUAY
68816	CT	CAPE TOWN (D.F. MALAN)	SOUTH AFRICA	72605	C	CONCORD/MUN., NH.	USA
80416	C	CARACAS/LA CARLOTA	VENZUELA	87395	C	CONCORDIA AERO	ARGENTINA

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72458	C	CONCORDIA/BLOSSER MUN., KS.	USA	04220	CT	EGEDESMINDE	DENMARK
60419	C	CONSTANTINE	ALGERIA	40199	C	EILAT	ISRAEL
71938	C	COPPERMINE, N.W.T.	CANADA	62760	C	EL FASHER	SUDAN
71915	C	CORAL HARBOUR, N.W.T.	CANADA	60590	C	EL GOLEA	ALGERIA
87344	CT	CORDOBA AERO	ARGENTINA	60540	C	EL KHEITER	ALGERIA
03955	C	CORK AIRPORT	IRELAND	62771	C	EL OBEID	SUDAN
80403	C	CORO	VENEZUELA	60559	C	EL OUED	ALGERIA
72251	C	CORPUS CHRISTI/INTL, TX.	USA	72270	C	EL PASO/INTL, TX.	USA
87166	C	CORRIENTES AERO.	ARGENTINA	84179	C	EL PUYO	ECUADOR
83552	C	CORUMBA	BRAZIL	60367	C	EL-KALA	ALGERIA
65344	C	COTONOU	BENIN	60550	C	ELBAYADH	ALGERIA
41992	C	COX'S BAZAR	BANGLADESH	12160	C	ELBLAG	POLAND
83512	C	COXIM	BRAZIL	63686	C	ELDORET	KENYA
03774	T	CRAWLEY	U KINGDOM	72486	C	ELY/YELLAND, NV.	USA
82704	C	CRUZEIRO DO SUL	BRAZIL	10203	C	EMDEN-HAFEN	GERMANY, FED REP
80097	C	CUCUTA/CAMILO DAZA	COLOMBIA	86297	C	ENCARNACION	PARAGUAY
83361	C	CUIABA	BRAZIL	29263	C	ENISEJSK	USSR
80420	C	CUMANA	VENEZUELA	24817	C	ERBOGACEN	USSR
83842	C	CURITIBA	BRAZIL	53068	C	ERENHOT	CHINA
83840	T	CURITIBA (AEROPORTO)	BRAZIL	09554	C	ERFURT-BJNDERSLEBEN	GERMAN DEM REP
84686	C	CUZCO	PERU	17092	C	ERZINCAN	TURKEY
43150	T	CWC VIASHAKHAPATNAM/WALTAIR	INDIA	03162	C	ESKDALEMUIR	U KINGDOM
98325	C	DAGUPAN	PHILIPPINES	94638	C	ESPERANCE	AUSTRALIA
61641	CT	DAKAR/YOFF	SENEGAL	87803	C	ESQUEL AERO	ARGENTINA
62432	C	DAKHLA	EGYPT	24105	C	ESSEJ	USSR
41712	C	DAL BANDIN	PAKISTAN	10410	CT	ESSEN	GERMANY, FED REP
44373	C	DALANZADGAD	MONGOLIA	72594	C	EUREKA, CA.	USA
72259	C	DALLAS-FORT WORTH/FORT., TX.	USA	71917	CT	EUREKA, N.W.T.	CANADA
65560	C	DALOA	COTE D'IVOIRE	72432	C	EVANSVILLE/REG., IN.	USA
42587	C	DALTONGJ	INDIA	87576	C	EZEIZA AERO	ARGENTINA
62805	C	DAMAZINE	SUDAN	55507	C	FADA N'GOURMA	BURKINA FASO
04320	CT	DANMARKSHAVN	DENMARK	70261	C	FAIRBANKS/INTL, AK.	USA
63894	CT	DAR ES SALAAM AIRPORT	U REP TANZANIA	16191	C	FALCONARA	ITALY
60390	CT	DAR-EL-BEIDA	ALGERIA	89063	C	FARADAY (ARGENTINE ISLAND)	U KINGDOM
42391	C	DARBHANGA	INDIA	61833	C	FARANAH/BADALA	GUINEA
61891	C	DARU	SIERRA LEONE	72753	C	FARGO/HECTOR FIELD, ND.	USA
94120	CT	DARWIN AIRPORT	AUSTRALIA	82400	T	FERNANDO DE NORONHA	BRAZIL
89571	CT	DAVIS	AUSTRALIA	11155	C	FEUERKOGEL	AUSTRIA
72429	C	DAYTON/JAMES M. COX DAY., OH.	USA	09578	C	FICHTELBERG	GERMAN DEM REP
06260	CT	DE BILT	NETHERLANDS	72637	C	FLINT/BISHOP, MI.	USA
12882	C	DEBRECEN	HUNGARY	82678	C	FLORIANO	BRAZIL
72469	C	DENVER/STAPLETON INTL, CO.	USA	83897	C	FLORIANOPOLIS	BRAZIL
41624	C	DERA ISMAIL KHAN	PAKISTAN	82212	C	FONTE BOA	BRAZIL
72546	C	DES MOINES/MUN., IA.	USA	87162	C	FORMOSA AERO	ARGENTINA
72537	C	DETROIT/METROPOLITAN, MI.	USA	94646	C	FORREST AIRPORT	AUSTRALIA
41923	C	DHAKA	BANGLADESH	71945	C	FORT NELSON, B.C.	CANADA
42314	C	DIBRUGARH/MOHANBARI	INDIA	71934	C	FORT SMITH, N.W.T.	CANADA
61967	T	DIEGO GARCIA	USA	72344	C	FORT SMITH/MUN., AR.	USA
07280	C	DIJON	FRANCE	72533	C	FORT WAYNE/MUN., BAER FL., IN.	USA
65562	C	DIMBOKRO	COTE D'IVOIRE	82397	C	FORTALEZA	BRAZIL
61666	C	DIOURBEL	SENEGAL	72389	C	FRESNO/AIR TERM., CA.	USA
63471	C	DIRE DAWA	ETHIOPIA	71909	CT	FROBISHER BAY, N.W.T.	CANADA
17280	CT	DIYARBAKIR	TURKEY	47807	CT	FUKUOKA	JAPAN
60670	C	DJANET	ALGERIA	91643	CT	FUNAFUTI	N ZEALAND
60535	C	DJELFA	ALGERIA	08522	CT	FUNCHAL	MADEIRA
63125	C	DJIBOUTI	DJIBOUTI	65557	C	GAGNOA	COTE D'IVOIRE
72451	C	DODGE CITY/MUN., KS.	USA	83746	T	GALEAO	BRAZIL
87648	C	DOLORES AERO	ARGENTINA	72242	C	GALVESTON, TX.	USA
62650	C	DONGOLA	SUDAN	71803	C	GANDER INTL AIRPORT, NFLD.	CANADA
65501	C	DORI	BURKINA FASO	57993	C	GANZHOU	CHINA
64910	T	DOUALA R.S.	REP CAMEROON	61226	C	GAO	MALI
09488	C	DRESDEN-KLOTZSCHE	GERMAN DEM REP	65522	C	GAOUA	BURKINA FASO
03969	C	DUBLIN AIRPORT	IRELAND	63723	C	GARISSA	KENYA
52836	C	DULAN	CHINA	42410	CT	GAUHATI	INDIA
72745	C	DULUTH/INTL, MN.	USA	80241	C	GAVIOTAS	COLOMBIA
42599	C	DUMKA	INDIA	61099	C	GAYA	NIGER
89642	CT	DUMONT D'URVILLE	FRANCE	62752	C	GEDAREF	SUDAN
68588	CT	DURBAN (LOUIS BOTHA)	SOUTH AFRICA	10628	C	GEISENHEIM	GERMANY, FED REP
42731	C	DWARKA	INDIA	89034	C	GENERAL BELGRANO II B.E.	ARGENTINA
24143	C	DZARDZAN	USSR	87532	C	GENERAL PICO AERO	ARGENTINA
68858	C	EAST LONDON	SOUTH AFRICA	06700	C	GENEVE-COINTRIN	SWITZ. LIECH.
94907	C	EAST SALE AERODROME	AUSTRALIA	68828	C	GEORGE AIRPORT	SOUTH AFRICA
03160	C	EDINBURGH AIRPORT	U KINGDOM	81001	C	GEOGETOWN	GUYANA
17050	C	EDIRNE	TURKEY	94403	C	GERALDTON AIRPORT	AUSTRALIA
71879	C	EDMONTON MUNICIPAL, ALTA.	CANADA	60566	C	GHARDAIA	ALGERIA
71119	T	EDMONTON(STONY PLAIN), ALTA.	CANADA	08495	CT	GIBRALTAR	GIBRALTAR

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94461	C	GILES	AUSTRALIA	84564	C	HUANUCO	PERU
93291	C	GISBORNE AERODROME	N ZEALAND	72425	C	HUNTINGTON/TRI-STATE, WV.	USA
94380	C	GLADSTONE	AUSTRALIA	72654	C	HURON/HURON REGIONAL, SD.	USA
72768	C	GLASGOW/INTL, MT.	USA	41765	C	HYDERABAD	PAKISTAN
20292	CT	GMO IM.E.K. FEDOROVA	USSR	43128	CT	HYDERABAD AIRPORT	INDIA
43192	CT	GOA/PANJIM	INDIA	47016	C	HYESAN	DPR KOREA
87880	C	GOBERNADOR GREGORES AERO	ARGENTINA	15090	C	IASI	ROMANIA
04250	C	GODTHAB	DENMARK	80214	C	IBAGUE/PERALES	COLOMBIA
09499	C	GOERLITZ	GERMAN DEM REP	32411	C	ICA	USSR
63331	C	GONDAR	ETHIOPIA	87097	C	IGUAZU AERO	ARGENTINA
72465	C	GOODLAND/RENNER FIELD/, KS.	USA	61972	C	ILE EUROPA	FRANCE
71816	C	GOOSE, NFLD.	CANADA	61970	C	ILE JUAN DE NOVA	FRANCE
02527	T	GOTEBORG/LANDVETTER	SWEDEN	61968	C	ILES GLORIEUSES	FRANCE
02512	C	GOTEBORG/SAVE	SWEDEN	25248	C	ILIRNEJ	USSR
68906	C	GOUGH ISLAND	SOUTH AFRICA	60640	C	ILLIZI	ALGERIA
61045	C	GOURE	NIGER	98637	C	ILOIL	PHILIPPINES
94150	CT	GOVE AIRPORT	AUSTRALIA	31416	C	IM POLINY OSIPENKO	USSR
72476	C	GRAND JUNCTION/WALKER F., CO.	USA	64459	C	IMPFONDO	CONGO
72635	C	GRAND RAPIDS/KENT CO., MI.	USA	60611	C	IN AMENAS	ALGERIA
11240	C	GRAZ-THALERHOF-FLUGHAFEN	AUSTRIA	60630	C	IN SALAH	ALGERIA
72775	CT	GREAT FALLS/INTL, MT.	USA	47112	C	INCHON	REP KOREA
72645	C	GREEN BAY/A.-STRAUBEL, WI.	USA	72438	C	INDIANAPOLIS/I.-MUN/WEI., IN.	USA
72317	C	GREENSBORO/G.-HIGH PT., NC.	USA	42754	C	INDORE	INDIA
72312	C	GREENVILLE/G-SPARTANBURG, SC.	USA	11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA
09184	CT	GREIFSWALD	GERMAN DEM REP	64115	C	INONGO	ZAIRE
87497	C	GUALEGUAYCHU AERO	ARGENTINA	72747	CT	INT. FALLS/ALLS INTL, MN.	USA
91217	C	GUAM, MARIANA IS.	USA	71907	C	INUJKUAK, QUE.	CANADA
78701	C	GUANAJA	HONDURAS	71957	CT	INUVIK, N.W.T.	CANADA
80428	C	GUANARE	VENEZUELA	93844	CT	INVERCARGILL AERODROME	N ZEALAND
59287	CT	GUANGZHOU	CHINA	80370	C	IPIALES/SAN LUIS	COLOMBIA
80448	C	GUASDUALITO	VENEZUELA	83881	C	IRAI	BRAZIL
80423	C	GUIRIA	VENEZUELA	83836	C	IRATI	BRAZIL
02128	C	GUNNARN	SWEDEN	30710	C	IRKUTSK	USSR
35700	CT	GUR'EV	USSR	47918	CT	ISHIGAKIJIMA	JAPAN
40250	C	H-4 'IRWAISHED'	JORDAN	85469	C	ISLA DE PASCUA	CHILE
31735	CT	HABAROVSK	USSR	85585	C	ISLA ROBINSON CRUSOE	CHILE
47678	C	HACHIJOGIMA	JAPAN	88968	C	ISLAS ORCADAS D.N. (OBS.)	ARGENTINA
47679	T	HACHIJOGIMA/OMURE	JAPAN	17240	CT	ISPARTA	TURKEY
47069	C	HAEJU	DPR KOREA	17062	CT	ISTANBUL/GOZTEPE	TURKEY
59758	C	HAIKOU	CHINA	82445	C	ITAITUBA	BRAZIL
50527	CT	HAILAR	CHINA	17220	CT	IZMIR	TURKEY
71081	C	HALL BEACH, N.W.T.	CANADA	84088	C	IZOBAMBA-SANTA CATALINA	ECUADOR
89022	T	HALLEY	U KINGDOM	47800	C	IZUHARA	JAPAN
94212	C	HALLS CREEK AIRPORT	AUSTRALIA	82640	C	JACAREACANGA	BRAZIL
43497	C	HAMBANTOTA	SRI LANKA	87305	C	JACHAL	ARGENTINA
10147	C	HAMBURG-FUHLSBUETTEL	GERMANY, FED REP	72235	C	JACKSON/ALLEN C. THOMP., MS.	USA
52203	C	HAMI	CHINA	72206	C	JACKSONVILLE/INTL, FL.	USA
10338	CT	HANNOVER	GERMANY, FED REP	41715	C	JACOBABAD	PAKISTAN
23933	CT	HANTY-MANSIJSK	USSR	83186	C	JACOBINA	BRAZIL
91944	CT	HAO	FRENCH POLY.	43041	C	JAGDALPUR	INDIA
02196	C	HAPARANDA	SWEDEN	24959	CT	JAKUTSK	USSR
34300	CT	HAR'KOV	USSR	01001	CT	JAN MAYEN	NORWAY
67774	T	HARARE (BELVEDERE)	ZIMBABWE	68368	C	JAN SMUTS	SOUTH AFRICA
67775	C	HARARE (KUTSAGA)	ZIMBABWE	40184	C	JERUSALEM	ISRAEL
02361	C	HARNOSAND	SWEDEN	41936	C	JESSORE	BANGLADESH
72508	C	HARTFORD/BRADLEY INTL, CT.	USA	41598	C	JHELUM	PAKISTAN
60581	C	HASSI-MESSAOUD	ALGERIA	60351	C	JIJEL	ALGERIA
20891	CT	HATANGA	USSR	63402	C	JIMMA	ETHIOPIA
78988	CT	HATO AIRPORT,CURACAO	CURACAO BONAIRE	52533	C	JIUQUAN	CHINA
72772	C	HELENA/COUNTY-CITY, MT.	USA	41756	C	JIWANI	PAKISTAN
02974	C	HELSINKI-VANTAA	FINLAND	42339	CT	JODHPUR	INDIA
62378	C	HELWAN	Egypt	02929	C	JOENSUU	FINLAND
16754	CT	HERAKLION	GREECE	02963	CT	JOKIOINEN	FINLAND
91945	C	HEREHERETUE	FRENCH POLY.	02550	C	JONKOPING FLYGPLATS	SWEDEN
91753	C	HIHIFO (ILE WALLIS)	N CALEDONIA	78762	CT	JUAN SANTAMARIA	COSTA RICA
91285	CT	HILO/GEN. LYMAN, HAWAII,	USA	84474	C	JUANJUI	PERU
47765	C	HIROSHIMA	JAPAN	87046	C	JUJUY AERO	ARGENTINA
04082	C	HJARDARNES	ICELAND	78866	CT	JULIANA AIRPORT, ST. MAARTEN	ST. MAARTEN, ST. EUST.
94975	C	HOBART AIRPORT	AUSTRALIA	87548	C	JUNIN AERO	ARGENTINA
93614	C	HOKITIKA AERODROME	N ZEALAND	32150	CT	JUZNO-SAHALINSK	USSR
61240	C	HOMBORI	MALI	02935	CT	JYVASKYLA	FINLAND
91182	C	HONOLULU, OAHU, HAWAII	USA	61886	C	KABALA	SIERRA LEONE
08506	C	HORTA (ACORES)	PORTUGAL	67663	C	KABWE	ZAMBIA
23219	C	HOSEDA-HARD	USSR	62810	C	KADUGLI	SUDAN
51828	C	HOTAN	CHINA	61492	C	KAEDI	MAURITANIA
72243	C	HOUSTON/INTERCONTINENTAL,TX.	USA	47827	C	KAGOSHIMA	JAPAN

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47827	T	KAGOSHIMA/YOSHINO	JAPAN	38507	C	KRASNOVODSK	USSR
93012	CT	KAITAIA	N ZEALAND	48648	T	KUALA LUMPUR/PETALING JAYA	MALAYSIA
02897	C	KAJAANI	FINLAND	48647	C	KUALA LUMPUR/SUBANG	MALAYSIA
30469	C	KALAKAN	USSR	48657	CT	KUANTAN	MALAYSIA
16726	C	KALAMATA	GREECE	96413	CT	KUCHING	MALAYSIA
94637	C	KALGOORLIE AIRPORT	AUSTRALIA	62271	C	KUFRA	LIBYAN ARAB JAMAHIRI
25744	C	KAMENSKOE	USSR	56778	CT	KUNMING	CHINA
67586	C	KAMUZU INTL.	MALAWI	28952	CT	KUSTANAJ	USSR
64235	C	KANANGA	ZAIRE	71906	C	KUUJJUAQ, QUE.	CANADA
47605	C	KANAZAWA	JAPAN	02869	C	KUUSAMO	FINLAND
65306	C	KANDI	BENIN	91366	C	KWAJALEIN/BUCH. MARSHALL IS.	USA
47105	C	KANGNUNG	REP KOREA	33393	CT	L'VOV	USSR
22165	C	KANIN NOS	USSR	78705	C	LA CEIBA (AIRPORT)	HONDURAS
61829	C	KANKAN	GUINEA	08001	C	LA CORUNA	SPAIN
72446	C	KANSAS CITY, INTL, MO.	USA	78708	C	LA MESA (SAN PEDRO SULA)	HONDURAS
61679	C	KAOLACK	SENEGAL	87007	C	LA QUIACA OBSERVATORIO	ARGENTINA
04340	C	KAP TOBIN	DENMARK	87217	C	LA RIOJA AERO.	ARGENTINA
71831	C	KAPUSKASING, ONT.	CANADA	85488	C	LA SERENA	CHILE
41780	C	KARACHI AIRPORT	PAKISTAN	87534	C	LABOULAYE	ARGENTINA
35394	CT	KARAGANDA	USSR	68476	C	LADYSMITH	SOUTH AFRICA
02080	C	KARESUANDO	SWEDEN	87903	C	LAGO ARGENTINO AERO	ARGENTINA
62660	C	KARIMA	SUDAN	65202	T	LAGOS/OSHOJI	NIGERIA
02418	C	KARLSTAD FLYGPLATS	SWEDEN	41640	C	LAHORE CITY	PAKISTAN
67475	C	KASAMA	ZAMBIA	72240	C	LAKE CHARLES/MUN., LA.	USA
51709	C	KASHI	CHINA	72576	C	LANDER/HUNT, WY.	USA
62730	C	KASSALA	SUDAN	52889	CT	LANZHOU	CHINA
10438	C	KASSEL	GERMANY, FED REP	98223	C	LAADAG	PHILIPPINES
17074	C	KASTAMONU	TURKEY	02958	C	LAPPEENRANTA	FINLAND
44454	C	KATHMANDU AIRPORT	NEPAL	16648	C	LARISSA	GREECE
26629	CT	KAUNAS	USSR	17609	C	LARNACA AIRPORT	CYPRUS
61257	C	KAYES	MALI	87078	C	LAS LOMITAS	ARGENTINA
27595	CT	KAZAN	USSR	72386	C	LAS VEGAS/MCCARRAN, NV.	USA
61699	C	KEDOUGOU	SENEGAL	94865	C	LAVERTON AERODROME	AUSTRALIA
04018	CT	KEFLAVIK	ICELAND	78925	C	LE LAMENTIN	MARTINIQUE
61285	C	KENIEBA	MALI	78897	CT	LE RAIZET, GUADELOUPE	ST. MARTIN, ST. BARTH.
16641	C	KERKYRA	GREECE	94302	C	LEARMONTH AIRPORT	AUSTRALIA
40841	C	KERMAN	IRAN, ISLAMIC REP	12120	CT	LEBA	POLAND
02805	C	KEVO	FINLAND	03257	C	LEEMING	U KINGDOM
72201	C	KEY WEST/INTL, FL.	USA	98444	C	LEGASPI	PHILIPPINES
62721	CT	KHARTOUM	SUDAN	12374	T	LEGIONOWO	POLAND
61214	C	KIDAL	MALI	09459	C	LEIPZIG-SCHKEUDITZ	GERMAN DEM REP
33345	CT	KIEV	USSR	83242	C	LENCOIS	BRAZIL
61498	C	KIFFA	MAURITANIA	26063	CT	LENINGRAD (TOWN/VILLE)	USSR
64387	C	KIGALI	RWANDA	03005	CT	LERWICK	U KINGDOM
64222	C	KIKWIT	ZAIRE	71874	C	LETHBRIDGE, ALTA.	CANADA
02801	C	KILPISJARVI	FINLAND	80398	C	LETICIA/VASQUEZ COBO	COLOMBIA
68438	C	KIMBERLEY	SOUTH AFRICA	72422	C	LEXINGTON/BLUE GRASS, KY.	USA
47025	C	KIMCHAEK	DPR KOREA	55591	C	LHASA	CHINA
70326	C	KING SALMON, AK.	USA	91165	CT	LIHUE, KAUAI, HAWAII	USA
45004	T	KING'S PARK	HONG KONG	84628	C	LIMA-CALLAO/AEROP. INTL	PERU
78397	C	KINGSTON/NORMAN MANLEY	JAMAICA	07434	C	LIMOGES	FRANCE
64210	C	KINSHASA/N'DJILI	ZAIRE	09393	CT	LINDENBERG	GERMAN DEM REP
30230	CT	KIRENSK	USSR	61627	C	LINGUERE	SENEGAL
27196	C	KIROV	USSR	08535	C	LISBOA	PORTUGAL
61834	C	KISSIDOUGOU	GUINEA	08579	T	LISBOA/GAGO COUTINHO	PORTUGAL
61270	C	KITA	MALI	67743	C	LIVINGSTONE	ZAMBIA
11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA	84270	C	LOJA/LA ARGELIA	ECUADOR
72326	C	KNOXVILLE/MUN., TN.	USA	15511	C	LOM	BULGARIA
06181	T	KOBENHAVN/JAEGERSBORG	DENMARK & FAROE IS.	65387	C	LOME	TOGO
06186	C	KOBENHAVN/LANDBOHOJSKOLEN	DENMARK & FAROE IS.	03776	C	LONDON/GATWICK AIRPORT	U KINGDOM
47893	C	KOCHI	JAPAN	83766	C	LONDRINA	BRAZIL
61698	C	KOLDA	SENEGAL	94346	C	LONGREACH AIRPORT	AUSTRALIA
29231	CT	KOL'PASEV	USSR	72247	T	LONGVIEW, TX.	USA
10929	C	KONSTANZ	GERMANY, FED REP	94995	C	LORD HOWE ISLAND	AUSTRALIA
25954	CT	KORF	USSR	72295	C	LOS ANGELES/INTL, CA.	USA
65536	C	KORHOGO	COTE D'IVOIRE	64401	C	LOUBOMO	CONGO
91408	C	KOROR, PALAU IS.	USA	72423	C	LOUISVILLE/STANDIFORD, KY.	USA
62772	C	KOSTI	SUDAN	72267	C	LUBBOCK/LUBBOCK INTL, TX.	USA
42452	C	KOTA AERODROME	INDIA	42369	T	LUCKNOW/AMAUSI	INDIA
48615	CT	KOTA BHARU	MALAYSIA	06770	C	LUGANO	SWITZ. LIECH.
96471	CT	KOTA KINABALU	MALAYSIA	61856	C	LUNGI	SIERRA LEONE
70133	CT	KOTZEBUE, RALPH WIEN, AK.	USA	16597	C	LUQA	MALTA
91577	C	KOUMAC (INLE-CALEDONIE)	N CALEDONIA	67666	T	LUSAKA CITY AIRPORT	ZAMBIA
61293	C	KOUTIALA	MALI	06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG
43314	C	KOZHIKODE	INDIA	07480	C	LYON/BRON	FRANCE
29574	CT	KRASNOJARSK	USSR	07481	T	LYON/SATOLAS	FRANCE

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64452	C	M'POUYA	CONGO	72640	C	MILWAUKEE/GEN. MITCHELL, WI.	USA
60467	C	M'SILA	ALGERIA	47945	CT	MINAMIDAITOJIMA	JAPAN
40310	C	MA'AN	JORDAN	47991	CT	MINAMITORISHIMA	JAPAN
45011	C	MACAO	MACAU	43369	CT	MINICOY	INDIA
43185	C	MACHILIPATNAM (FRANCHPET)	INDIA	72658	C	MINNEAPOLIS/ST.PAUL INTL,MN.	USA
94367	C	MACKAY	AUSTRALIA	26850	CT	MINSK	USSR
72217	C	MACON/LEWIS B. WILSON, GA.	USA	29866	C	MINUSINSK	USSR
94998	C	MACQUARIE ISLAND	AUSTRALIA	12772	C	MISKOLC	HUNGARY
98646	C	MACTAN	PHILIPPINES	72773	C	MISSOULA/JOHNSON-BELL F.,MT.	USA
72641	C	MADISON/DANE COUNTY REG.,WI.	USA	47585	C	MIYAKO	JAPAN
43279	CT	MADRAS/MINAMBAKKAM	INDIA	47927	C	MIYAKOJIMA	JAPAN
08222	C	MADRID	SPAIN	47830	C	MIYAZAKI	JAPAN
08221	T	MADRID/BARAJAS	SPAIN	72223	C	MOBILE/BATES FIELD, AL.	USA
47624	C	MAEBASHI	JAPAN	30673	C	MOGOMA	USSR
61091	C	MAGARIA	NIGER	47165	C	MOKP'O	REP. KOREA
60522	C	MAGHNIA	ALGERIA	72544	C	MOLINE/QUAD CITY, IL.	USA
61096	C	MAINE-SOROA	NIGER	72349	T	MONETT, MO.	USA
91376	C	MAJURO/MARSHALL IS. INTL	USA	67633	C	MONGU	ZAMBIA
64403	C	MAKABANA	CONGO	78388	C	MONTEGO BAY/SANGSTER	JAMAICA
48665	C	MALACCA	MALAYSIA	72226	C	MONTGOMERY/DANNELLY, AL.	USA
62840	C	MALAKAL	SUDAN	71627	C	MONTRÉAL/DORVAL INTL, QUE.	CANADA
87506	C	MALARGUE AERO	ARGENTINA	71836	CT	MOOSONEE, ONT.	CANADA
03980	C	MALIN HEAD	IRELAND	61265	C	MOPTI	MALI
63799	C	MALINDI	KENYA	94527	C	MOREE	AUSTRALIA
65548	C	MAN	COTE D'IVOIRE	27612	CT	MOSKVA	USSR
82331	C	MANAUS	BRAZIL	60457	C	MOSTAGANEM	ALGERIA
82332	T	MANAUS (AEROPORTO)	BRAZIL	71072	C	MOULD BAY A, N.W.T.	CANADA
03334	C	MANCHESTER AIRPORT	U KINGDOM	64706	C	MOUNDOU	CHAD
48042	C	MANDALAY	BURMA	64402	C	MOUYONDZI	CONGO
44341	C	MANDALGOVI	MONGOLIA	94821	C	MT GAMBIER AIRPORT	AUSTRALIA
65352	C	MANGO	TOGO	94332	C	MT ISA AIRPORT	AUSTRALIA
98429	C	MANILA INTL AIRPORT	PHILIPPINES	63971	C	MTWARA	U REP. TANZANIA
71722	CT	MANIWAKI, QUE.	CANADA	10868	T	MUENCHEN-OBERSCHLEISSHEIM	GERMANY, FED REP
76654	C	MANZANILLO, COL.	MEXICO	10866	C	MUENCHEN-RIEM	GERMANY, FED REP
87774	C	MAQUINCHAO	ARGENTINA	17292	C	MUGLA	TURKEY
87692	C	MAR DEL PLATA AERO	ARGENTINA	42147	C	MUKTESWAR KUMAON	INDIA
82562	C	MARABA	BRAZIL	41675	C	MULTAN	PAKISTAN
80413	C	MARACAY - B.A. SUCRE	VENEZUELA	08430	T	MURCIA	SPAIN
61080	C	MARADI	NIGER	44231	C	MUREN	MONGOLIA
87467	C	MARCOS JUAREZ AERO	ARGENTINA	22113	CT	MURMANSK	USSR
16325	C	MARINA DI GINOSA	ITALY	72636	C	MUSKEGON/COUNTY, MI.	USA
68994	CT	MARION ISLAND	SOUTH AFRICA	63756	C	MWANZA	U REP. TANZANIA
86068	C	MARISCAL ESTIGARRIBIA	PARAGUAY	48008	C	MYITKYINA	BURMA
72743	C	MARQUETTE, MI.	USA	23146	CT	MYS KAMENNYJ	USSR
60230	C	MARRAKECH	MOROCCO	25173	CT	MYS SMIOTA	USSR
07650	C	MARSEILLE/MARIGNANE	FRANCE	25399	C	MYS UELEN	USSR
61996	CT	MARTIN DE VIVIES(ILE AMST.)	FRANCE	61049	C	N'GUIGM	NIGER
40745	C	MASHHAD	IRAN, ISLAMIC REP	61849	C	N'ZEREKORE	GUINEA
41288	C	MASIRAH	OMAN	72340	C	N. LITTLE ROCK/MUN.APRT., AR.	USA
64207	C	MATADI	ZAIRE	47817	C	NAGASAKI	JAPAN
61630	C	MATAM	SENEGAL	47636	C	NAGOYA	JAPAN
47618	C	MATSUMOTO	JAPAN	42867	CT	NAGPUR SONEGAON	INDIA
89564	C	MAWSON	AUSTRALIA	47936	CT	NAHA	JAPAN
70231	C	MCGRATH; AK.	USA	63740	C	NAIROBI/KENYATTA AIRPORT	KENYA
60549	C	MECHERIA	ALGERIA	48431	C	NAKHON RATCHASIMA	THAILAND
72597	CT	MEDFORD/MEDFORD-JACKSON, OR.	USA	48400	C	NAKHON SANWAN	THAILAND
94430	C	MEEKATHARRA AIRPORT	AUSTRALIA	58606	C	NANCHANG	CHINA
09548	CT	MEININGEN	GERMAN DEM REP	07180	CT	NANCY/ESSEY	FRANCE
60150	C	MEKNES	MOROCCO	91680	CT	NANDI	FIJI
86440	C	MELO	URUGUAY	59431	C	NANNING	CHINA
87418	C	MENDOZA AERO	ARGENTINA	07222	C	NANTES	FRANCE
80425	C	MENE GRANDE	VENEZUELA	23205	CT	NAR JAN-MAR	USSR
56985	C	MENGZI	CHINA	61233	C	NARA	MALI
08314	C	MENORCA/MAHON	SPAIN	04270	T	NARSSARSSUAQ	DENMARK
86490	C	MERCEDES	URUGUAY	72327	CT	NASHVILLE/OLD HICKORY, TN.	USA
80438	C	MERIDA	VENEZUELA	78073	C	NASSAU AIRPORT	BAHAMAS
72234	C	MERIDIAN/KEY, MS.	USA	65319	C	NATITINGOU	BENIN
62306	C	MERSA MATRUH	EGYPT	91683	C	NAUSORI	FIJI
16420	C	MESSINA	ITALY	47909	C	NAZE	JAPAN
72202	C	MIAMI, FL.	USA	47909	T	NAZE/FUNCHATOGUE	JAPAN
72265	C	MIDLAND/MIDLAND REG., TX.	USA	64700	C	NDJAMENA	CHAD
91066	T	MIDWAY ISLAND	USA	80315	C	NEIVA/LA MANGUITA	COLOMBIA
84202	C	MILAGRO	ECUADOR	61497	C	NEMA	MAURITANIA
16080	T	MILANO/LINATE	ITALY	47420	CT	NEMURO	JAPAN
94693	C	MILDURA AIRPORT	AUSTRALIA	87715	C	NEUQUEN AERO	ARGENTINA
60430	C	MILIANA	ALGERIA	42182	CT	NEW DELHI/SAFDARJUNG	INDIA

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72231	C	NEW ORLEANS, LA	USA	91554	C	PEKO A AIRPORT(ESPIRITU-SANTO	VANUATU
93308	C	NEW PLYMOUTH AERODROME	N ZEALAND	48601	CT	PENANG/BAYAN LEPAS	MALAYSIA
72503	C	NEW YORK/LA GUARDIA, NY	USA	72688	C	PENDLETON, OR.	USA
61052	CT	NIAMEY-AERO	NIGER	72532	C	PEORIA/GREATER PEORIA, IL.	USA
07690	C	NICE	FRANCE	80210	C	PEREIRA/MATECANA	COLOMBIA
47604	C	NIIGATA	JAPAN	28225	C	PERM	USSR
02942	C	NIINISALO	FINLAND	07747	C	PERPIGNAN	FRANCE
32618	C	NIKOL'SKOE (OSTROV BERINGA)	USSR	94610	C	PERTH AIRPORT	AUSTRALIA
31369	C	NIKOLAEVSK-NA-AMURE	USSR	16230	C	PESCARA	ITALY
07645	CT	NIMES/COURBESSAC	FRANCE	41530	C	PESHAWAR	PAKISTAN
61230	C	NIORO DU SAHEL	MALI	82983	C	PETROLINA	BRAZIL
23724	C	NJAKSIMVOL'	USSR	32540	CT	PETROPAVLOVSK-KAMCATSKIJ	USSR
61878	C	NJALA	SIERRA LEONE	72408	C	PHILADELPHIA/INTL, PA.	USA
70200	CT	NOME, AK	USA	48378	C	PHITSANULOK	THAILAND
04312	C	NORD ADS	DENMARK	72278	C	PHOENIX/SKY HARBOR INTL, AZ.	USA
94996	C	NORFOLK ISLAND AIRPORT	AUSTRALIA	78970	CT	PIARCO INTL AIRPORT,TRINIDAD	TRINIDAD TOBAGO
72308	C	NORFOLK/INTL, VA.	USA	84140	C	PICHILINGUE	ECUADOR
72556	C	NORFOLK/KARL STEFAN, NE.	USA	68174	CT	PIETERSBURG	SOUTH AFRICA
71043	CT	NORMAN WELLS, N.W.T.	CANADA	87679	C	PIGUE AERO	ARGENTINA
71731	C	NORTH BAY, ONT.	CANADA	86255	C	PILAR	PARAGUAY
72562	CT	NORTH PLATTE/LEE BIRD, NE.	USA	87349	C	PILAR OBSERVATORIO	ARGENTINA
61415	CT	NOUADHIBOU	MAURITANIA	16158	C	PISA/S. GIUSTO	ITALY
61442	C	NOUAKCHOTT	MAURITANIA	84691	C	PISCO	PERU
91592	CT	NOUMEA (NLLE-CALEDONIE)	N CALEDONIA	72520	C	PITTSBURGH/GREATER PITT.,PA.	USA
10763	C	NUERNBERG	GERMANY, FED REP	84401	C	PIURA	PERU
84132	C	NUEVO ROCAFUERTE	ECUADOR	37050	C	PJATIGORSK	USSR
76775	C	OAXACA, OAX.	MEXICO	61990	C	PLAISANCE (MAURITIUS)	MAURITIUS
33837	CT	ODESSA	USSR	03827	C	PLYMOUTH/MOUNT BATTEN	U KINGDOM
65528	C	ODIENNE	COTE D'IVOIRE	72578	C	POCATELLO/NUM., ID.	USA
31088	CT	OHOTSK	USSR	61612	C	PODOR	SENEGAL
47815	C	OITA	JAPAN	64400	C	POINTE-NOIRE	CONGO
24688	C	OJMJAON	USSR	20046	TC	POLAR GMO IM.E.T. KRENKELJA	USSR
72353	C	OKLAHOMA CITY/W.R.WORLD, OK.	USA	91348	C	PONAPE, CAROLINE ISLANDS.	USA
24125	CT	OLENEK	USSR	08513	C	PONTA DELGADA (ACORES)	PORTUGAL
72792	C	OLYMPIA, WA.	USA	83702	C	PONTA PORA	BRAZIL
47655	C	OMAEZAKI	JAPAN	43063	C	POONA	INDIA
72553	C	OMAHA, NE.	USA	11952	T	POPRAD/GANOVCE	CZECHOSLOVAKIA
28698	CT	OMSK	USSR	11934	C	POPRAD/TATRY	CZECHOSLOVAKIA
87016	C	ORAN AERO	ARGENTINA	80421	C	PORLAMARI(AP INTL DEL CARIBE)	VENEZUELA
60490	C	ORAN/ES SENIA	ALGERIA	43333	CT	PORT BLAIR	INDIA
35121	CT	ORENBURG	USSR	68842	CT	PORT ELIZABETH	SOUTH AFRICA
01241	T	ORLAND	NORWAY	71109	C	PORT HARDY, B.C.	CANADA
01241	C	ORLAND III	NORWAY	94312	C	PORT HEDLAND AIRPORT	AUSTRALIA
72205	C	ORLANDO/JETPORT/ FL.	USA	78437	C	PORT-AU-PRINCE (DAMIEN)	HAITI
40712	C	ORUMIEH	IRAN, ISLAMIC REP	72606	C	PORTLAND/INTL JET PORT, ME.	USA
47772	C	OSAKA	JAPAN	72698	C	PORTLAND/INTL, OR.	USA
01384	CT	OSLO/GARDERMOEN	NORWAY	83967	C	PORTO ALEGRE	BRAZIL
02226	C	OSTERSUND/FROSON	SWEDEN	83971	T	PORTO ALEGRE (AEROPORTO)	BRAZIL
11782	C	OSTRAVA/MOSNOV	CZECHOSLOVAKIA	82825	C	PORTO VELHO	BRAZIL
21965	CT	OSTROV CETYREH-STOLBOVOJ	USSR	84135	C	PORTO VIEJO-GRANJA	ECUADOR
20674	CT	OSTROV DIKSON	USSR	08546	C	PORTO/SERRA DO PILAR	PORTUGAL
21432	CT	OSTROV KOTEL'NYJ	USSR	87178	C	POSADAS AERO.	ARGENTINA
20069	C	OSTROV VIZE	USSR	09379	C	POTSDAM	GERMAN DEM REP
65503	C	OUAGADOUGOU	BURKINA FASO	12330	CT	POZNAN	POLAND
65502	C	OUAHIGOUYA	BURKINA FASO	48500	C	PRACHUAP KHIRIKHAN	THAILAND
60265	C	OUARAZZATE	MOROCCO	11520	CT	PRAHA-LIBUS	CZECHOSLOVAKIA
02875	C	OLULU	FINLAND	11518	C	PRAHA/RUZYNE	CZECHOSLOVAKIA
91765	CT	PAGO PAGO/INT. AIRPORT	USA	16245	T	PRATICA DI MARE	ITALY
08306	C	PALMA DE MALLORCA/SON SAN J.	SPAIN	87149	C	PRES. ROQUE SAENZ PENA AERO	ARGENTINA
43363	C	PAMBAN	INDIA	68262	C	PRETORIA	SOUTH AFRICA
43285	T	PANAMBUR	INDIA	68263	T	PRETORIA (IRENE)	SOUTH AFRICA
41739	C	PANJGUR	PAKISTAN	71896	CT	PRINCE GEORGE, B.C.	CANADA
41560	C	PARACHINAR	PAKISTAN	04390	C	PRINS CHRISTIAN SUND	DENMARK
65330	C	PARAKOU	BENIN	72507	C	PROVIDENCE/GREEN STATE, RI.	USA
87374	C	PARANA AERO	ARGENTINA	80002	C	PROVIDENCIA (ISLA)	COLOMBIA
07150	C	PARIS/LE BOURGET	FRANCE	12695	C	PRZEMYSŁ	POLAND
82287	C	PARNAIBA	BRAZIL	84515	C	PUCALLPA	PERU
87814	C	PASO DE INDIOS	ARGENTINA	80457	C	PUERTO AYACUCHO	VENEZUELA
87289	C	PASO DE LOS LIBRES AERO	ARGENTINA	80139	C	PUERTO CARRENO	COLOMBIA
86460	C	PASO DE LOS TOROS	URUGUAY	87896	C	PUERTO DESEADO AERO	ARGENTINA
80342	C	PASTO/ANTONIO NARINO	COLOMBIA	78711	C	PUERTO LEMPIRA	HONDURAS
82791	C	PATOS	BRAZIL	78767	C	PUERTO LIMON	COSTA RICA
06610	T	PAYERNE	SWITZ. LIECH.	84658	C	PUERTO MALDONADO	PERU
12942	C	PECS	HUNGARY	85799	C	PUERTO MONTT	CHILE
86097	C	PEDRO JUAN CABALLERO	PARAGUAY	86248	C	PUERTO PRESIDENTE STROESSNER	PARAGUAY
87544	C	PEHUajo AERO	ARGENTINA	85934	C	PUNTA ARENAS	CHILE

STATION LIST RECENT DATA

78760	C	PUNTARENAS	COSTA RICA	87311	C	SAN JUAN, AERO	ARGENTINA
47159	C	PUSAN	REP KOREA	86260	C	SAN JUAN BAUTISTA MISIONES	PARAGUAY
47058	CT	PYONGYANG	DPR KOREA	78526	C	SAN JUAN/INTL, PUERTO RICO	PUERTO RICO US POSS
56137	C	QAMDO	CHINA	87909	C	SAN JULIAN AERO	ARGENTINA
54857	C	QINGDAO	CHINA	87436	C	SAN LUIS AERO	ARGENTINA
50745	C	QIQIHAAR	CHINA	65594	C	SAN PEDRO	COTE D'IVOIRE
41660	C	QUETTA AIRPORT	PAKISTAN	87509	C	SAN RAFAEL AERO	ARGENTINA
80144	C	QUIBDO/EL CARANO	COLOMBIA	71101	C	SANDSPIT, B.C.	CANADA
72797	CT	QUILLAYUTE, WA.	USA	87912	C	SANTA CRUZ AERO	ARGENTINA
72306	C	RALEIGH/RALEIGH-DURHAM, NC.	USA	60020	C	SANTA CRUZ DE TENERIFE	SPAIN
48097	C	RANGOON	BURMA	08515	C	SANTA MARIA (ACORES)	PORTUGAL
91958	CT	RAPA	FRENCH POLY.	72394	C	SANTA MARIA/PUBLIC, CA.	USA
72662	C	RAPID CITY/REG., SD.	USA	80009	C	SANTA MARTA/SIMON BOLIVAR	COLOMBIA
91843	C	RAROTONGA	N ZEALAND	87623	C	SANTA ROSA AERO	ARGENTINA
22602	C	REBOLY	USSR	78717	C	SANTA ROSA DE COPAN	HONDURAS
82900	C	RECIFE (CURADO)	BRAZIL	87129	C	SANTIAGO DEL ESTERO AERO.	ARGENTINA
87270	C	RECONQUISTA AERO	ARGENTINA	82280	C	SAO LUIZ	BRAZIL
71863	C	REGINA, SASK.	CANADA	83781	C	SAO PAULO	BRAZIL
72488	C	RENO/INTL, NV.	USA	83780	T	SAO PAULO (AEROPORTO)	BRAZIL
87155	C	RESISTENCIA AERO.	ARGENTINA	47412	CT	SAPPORO	JAPAN
71924	C	RESOLUTE, N.W.T.	CANADA	13354	C	SARAJEVO	YUGOSLAVIA
04030	C	REYKJAVIK	ICELAND	34172	CT	SARATOV	USSR
72401	C	RICHMOND/BYRD, VA.	USA	64750	C	SARH	CHAD
91948	C	RIKITEA	FRENCH POLY.	65599	C	SASSANDRA	COTE D'IVOIRE
82915	C	RIO BRANCO	BRAZIL	72734	C	SAULT STE. MARIE, MI.	USA
87736	C	RIO COLORADO	ARGENTINA	72207	C	SAVANNAH/MUNICIPAL, GA.	USA
87453	C	RIO CUARTO AERO	ARGENTINA	65335	C	SAVE	BENIN
83743	C	RIO DE JANEIRO	BRAZIL	10035	CT	SCHLESWIG	GERMANY, FED REP
87925	C	RIO GALLEGOS AERO	ARGENTINA	04339	T	SCORESBYUND	DENMARK
80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA	72793	C	SEATTLE/S.-TACOMA, WA.	USA
87065	C	RIVADAVIA	ARGENTINA	62124	C	SEBHA	LIBYAN ARAB JAMAHIRI
72411	C	ROANOKE/MUN., VA.	USA	41256	C	SEEB, INTERNATIONAL AIRPORT	OMAN
86565	C	ROCHA	URUGUAY	61272	C	SEGOU	MALI
72644	C	ROCHESTER/MUN., MN.	USA	25703	CT	SEJMCAN	USSR
72529	C	ROCHESTER/R-MONROE CTY., NY.	USA	36177	C	SEMIPALATINSK	USSR
61988	C	RODRIGUES	MAURITIUS	47590	CT	SENDAI	JAPAN
06190	C	RONNE	DENMARK & FAROE IS.	71811	C	SEPT-ILES, QUE.	CANADA
87480	C	ROSARIO AERO	ARGENTINA	61976	C	SERGE-FROLLOW (ILE TROMELIN)	FRANCE
61489	C	ROSSO	MAURITANIA	60445	C	SETIF	ALGERIA
34731	CT	ROSTOV-NA-DONU	USSR	08390	C	SEVILLA/TABLADA	SPAIN
89062	C	ROTHERA POINT	U KINGDOM	63980	C	SEYCHELLES INTL AIRPORT	SEYCHELLES
45005	C	ROYAL OBSERVATORY	HONG KONG	63985	T	SEYCHELLES INTL AP(RAW.STN)	SEYCHELLES
51777	C	RUOQIANG	CHINA	58367	CT	SHANGHAI	CHINA
89001	CT	S.A.N.A.E. STATION	SOUTH AFRICA	03962	C	SHANNON AIRPORT	IRELAND
82106	C	S.GABRIEL DO CACHOEIRA(UAU.)	BRAZIL	59316	C	SHANTOU	CHINA
71600	C	SABLE ISLAND, N.S.	CANADA	71601	C	SHEARWATER, N.S.	CANADA
72493	C	SACRAMENTO/EXECUTIVE, CA.	USA	70414	T	SHEMYA AFB, AK.	USA
06680	C	SAENTIS	SWITZ. LIECH.	54342	C	SHENYANG	CHINA
42671	C	SAGAR	INDIA	72666	C	SHERIDAN/COUNTY, WY.	USA
44354	C	SAINSHAND	MONGOLIA	47898	C	SHIMIZU/ASHIZURI	JAPAN
61980	C	SAINT-DENIS/GILLOT (REUNION)	FRANCE	47778	CT	SHIONOMISAKI	JAPAN
61600	C	SAIN-Louis	SENEGAL	40848	C	SHIRAZ	IRAN, ISLAMIC REP
71805	C	SAINT-PIERRE	ST. PIERRE MIQUELON	72248	C	SHREVEPORT/REG., LA.	USA
08594	CT	SAL	CAPE VERDE	64405	C	SIBITI	CONGO
41316	CT	SALALAH	OMAN	15260	C	SIBIU	ROMANIA
23330	CT	SALEHARD	USSR	61811	C	SIGUIRI	GUINEA
76833	C	SALINA CRUZ, OAX.	MEXICO	61297	C	SIKASSO	MALI
72572	C	SALT LAKE CITY/INTL, UT.	USA	33946	C	SIMFEROPOL'	USSR
87047	C	SALTA AERO	ARGENTINA	32195	C	SIMUSIR	USSR
86360	C	SALTO	URUGUAY	48698	CT	SINGAPORE/CHANGI AIRPORT	SINGAPORE
86210	C	SALTOS DEL GUAIRA	PARAGUAY	47035	C	SINUIJU	DPR KOREA
83229	C	SALVADOR	BRAZIL	72557	C	SIOUX CITY/MUN., IA.	USA
11150	C	SALZBURG-FLUGHAFEN	AUSTRIA	72651	C	SIOUX FALLS/FOSS FIELD, SD.	USA
35925	C	SAM	USSR	17090	C	SIVAS	TURKEY
17030	CT	SAMSUN	TURKEY	60355	C	SKIKDA	ALGERIA
61277	C	SAN	MALI	13586	C	SKOPJE-PETROVAC	YUGOSLAVIA
80001	CT	SAN ANDRES (ISLA)	COLOMBIA	11903	C	SLIAC	CZECHOSLOVAKIA
72263	C	SAN ANGELO/MATHIS, TX.	USA	02836	CT	SODANKyla	FINLAND
80447	C	SAN ANTONIO DEL TACHIRA	VENEZUELA	15614	C	SOFIA (OBSERV.)	BULGARIA
87784	C	SAN ANTONIO OESTE AERO	ARGENTINA	65361	C	SOKODE	TOGO
72253	C	SAN ANTONIO/INTL, TX.	USA	63962	C	SONGEA	U REP TANZANIA
84008	C	SAN CRISTOBAL (GALAPAGOS)	ECUADOR	48568	CT	SONGKHLA	THAILAND
72290	C	SAN DIEGO/LINDBERGH, CA.	USA	11146	C	SONNBLICK	AUSTRIA
80450	C	SAN FERNANDO DE APURE	VENEZUELA	16746	C	SOUDA	GREECE
72494	C	SAN FRANCISCO/INTL, CA.	USA	72535	C	SOUTH BEND/ST. JOSEPH CO., IN.	USA
84721	C	SAN JUAN	PERU	13334	C	SPLIT/MARJAN	YUGOSLAVIA

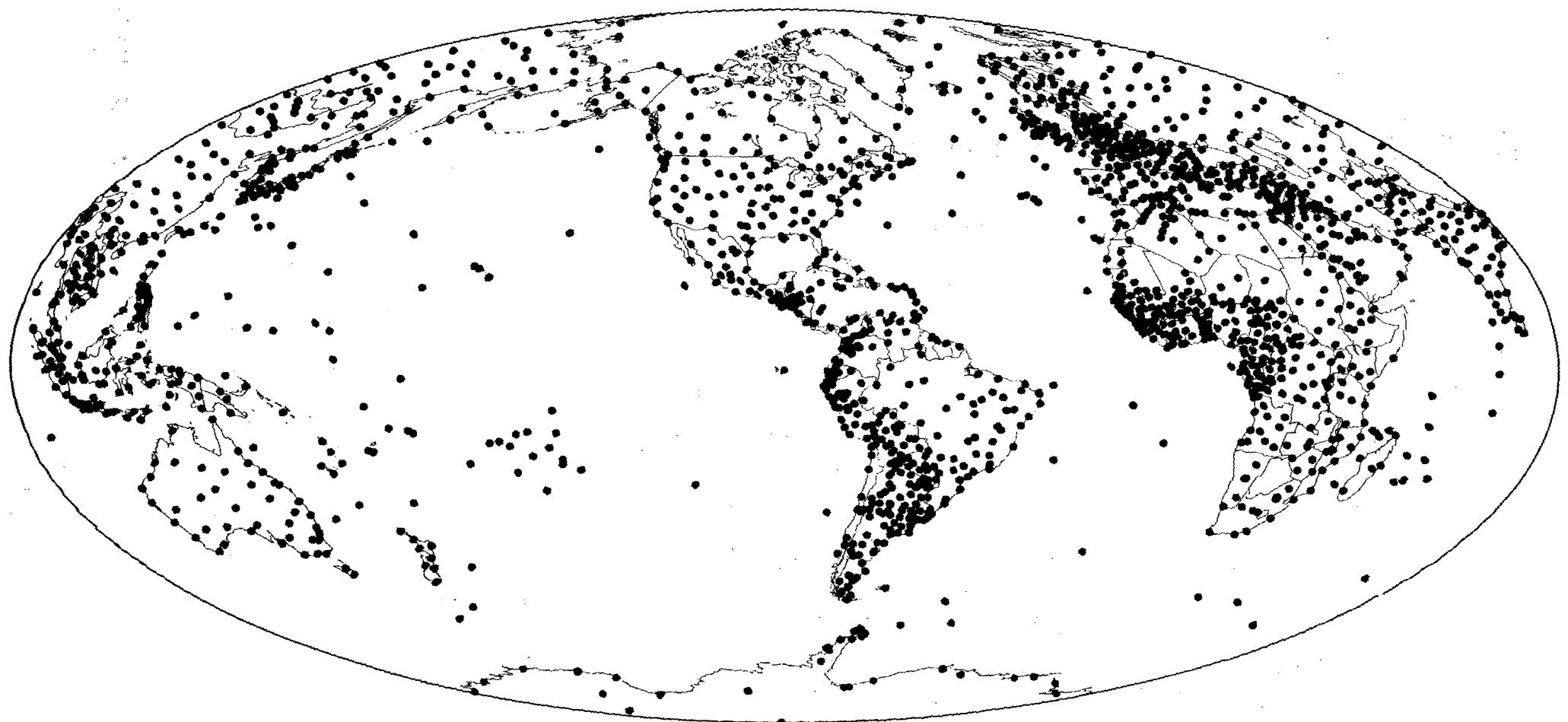
STATION LIST RECENT DATA

72785	CT	SPOKANE/INTL, WA.	USA	81002	C	TIMEHRI	GUYANA
72439	C	SPRINGFIELD/CAPITAL, IL.	USA	60607	C	TIMIMOUN	ALGERIA
72440	C	SPRINGFIELD/MUN., MO.	USA	15247	C	TIMISOARA	ROMANIA
42027	CT	SRINAGAR	INDIA	60656	C	TINDOUF	ALGERIA
61986	C	ST. BRANDON (ST. RAPHAEL)	MAURITIUS	84534	C	TINGO MARIA	PERU
72655	T	ST. CLOUD/WHITNEY, MN.	USA	03100	C	TIREE	U KINGDOM
61901	CT	ST. HELENA IS.	U KINGDOM	13462	C	TITOGRAD/GOLUBOVCI	YUGOSLAVIA
72434	C	ST. LOUIS/LAMBERT, ST., MO.	USA	60531	C	TLEMCEN (ZENATA)	ALGERIA
70308	C	ST. PAUL, AK.	USA	28275	C	TOBOL'SK	USSR
11028	C	ST. POELTEN	AUSTRIA	47662	C	TOKYO	JAPAN
83997	C	ST.VITORIA DO PALMAR	BRAZIL	72536	C	TOLEDO/EXPRESS, OH.	USA
01415	CT	STAVANGER/SOLA	NORWAY	61223	CT	TOMBOUCTOU	MALI
71815	CT	STEPHENVILLE, NFLD.	CANADA	72456	C	TOPEKA/MUN., KS.	USA
80475	C	STO. DOMINGO (B.A.)	VENEZUELA	71624	C	TORONTO INTL AIRPORT, ONT.	CANADA
02464	C	STOCKHOLM/BROMMA	SWEDEN	60555	C	TOUGGUERT	ALGERIA
02465	T	STOCKHOLM/BROMMA	SWEDEN	07630	C	TOULOUSE/BLAGNAC	FRANCE
03026	CT	STORNOWAY	U KINGDOM	94294	CT	TOWNSVILLE AIRPORT	AUSTRALIA
07190	C	STRASBOURG	FRANCE	16429	CT	TRAPANI/BIRGI	ITALY
10739	CT	STUTTGART/SCHNARRENNBERG	GERMANY, FED REP	07145	T	TRAPPES	FRANCE
15360	C	SULINA	ROMANIA	86500	C	TREINTA Y TRES	URUGUAY
72429	T	SULPHUR GROVE, OH.	USA	87828	C	TRELEW AERO	ARGENTINA
02365	T	SUNDSVALL-HARNOSAND FLYGPLAT	SWEDEN	87688	C	TRES ARROYOS	ARGENTINA
24738	C	SUNTAZ	USSR	83618	C	TRES LAGOAS	BRAZIL
41268	C	SUR	OMAN	16110	C	TRIESTE	ITALY
98653	C	SURIGAO	PHILIPPINES	43418	C	TRINCOMALEE	SRI LANKA
01008	C	SVALBARD LUFTHAVN	NORWAY	62010	C	TRIPOLI INTL AIRPORT	LIBYAN ARAB JAMAHIRI
28440	CT	SVERDLOVSK	USSR	43371	CT	TRIVANDRUM	INDIA
94767	C	SYDNEY AIRPORT	AUSTRALIA	01025	C	TROMSO/LANGNES	NORWAY
71707	C	SYDNEY, N.S.	CANADA	84501	C	TRUJILLO	PERU
23804	CT	SYKTYVKAR	USSR	91334	CT	TRUK, CAROLINE IS.	USA
41891	C	SYLHET	BANGLADESH	91954	C	TUBUAI	FRENCH POLY.
89532	CT	SYOWA	JAPAN	72274	C	TUCSON/INTL, AZ.	USA
72519	C	SYRACUSE/HANCOCK, NY.	USA	87121	C	TUCUMAN AERO	ARGENTINA
12205	C	SZCZECIN	POLAND	98233	C	TUGUEGARAO	PHILIPPINES
12982	CT	SZEZED	HUNGARY	72356	C	TULSA/INTL, OK.	USA
65380	C	TABLIBO	TOGO	80337	C	TUMACO/EL MIRA	COLOMBIA
65592	C	TABOU	COTE D'IVOIRE	84370	C	TUMBES	PERU
40706	C	TABRIZ	IRAN, ISLAMIC REP	80453	C	TUMEREMO	VENEZUELA
98550	C	TACLOBAN	PHILIPPINES	24507	CT	TURA	USSR
84782	C	TACNA	PERU	35358	C	TURGAJ	USSR
98644	C	TAGBILARAN	PHILIPPINES	02972	C	TURKU	FINLAND
83235	C	TAGUATINGA	BRAZIL	23472	CT	TURUHANSK	USSR
91938	CT	TAHITI-FAAA	FRENCH POLY.	48407	T	UBON RATCHATHANI	THAILAND
61043	C	TAHOUA	NIGER	06447	C	UCCLE	BELGIUM
58968	T	TAIBEI	CHINA	16045	C	UDINE/RIVOLTO	ITALY
91943	C	TAKAROA	FRENCH POLY.	48354	C	UDON THANI	THAILAND
84390	C	TALAR	PERU	44292	C	ULAN-BATOR	MONGOLIA
72214	C	TALLAHASSEE/MUN., FL.	USA	44212	C	ULAN-GOM	MONGOLIA
26038	C	TALLIN	USSR	44214	C	ULGI	MONGOLIA
60680	CT	TAMANRASSET	ALGERIA	44272	C	ULIASTAI	MONGOLIA
61687	C	TAMBACOUNDA	SENEGAL	04209	C	UPERNAVIK AWS	DENMARK
38413	C	TAMDY	USSR	68424	CT	UPINGTON	SOUTH AFRICA
72211	C	TAMPA/INTL, FL.	USA	47426	C	URAKAWA	JAPAN
87645	C	TANDIL AERO	ARGENTINA	17270	C	URFA	TURKEY
84455	C	TARAPOTO	PERU	51463	CT	URUMQI	CHINA
91610	CT	TARAWA	N ZEALAND	87938	C	USHUAIA B.A.	ARGENTINA
23552	C	TARKO-SALE	USSR	30635	C	UST'-BARGUZIN	USSR
38457	CT	TASKENT	USSR	25325	C	UST'-OLOJ	USSR
47646	T	TATENO	JAPAN	02911	C	VAASA	FINLAND
96481	CT	TAWAU	MALAYSIA	85766	C	VALDIVIA	CHILE
37549	CT	TBILISI	USSR	03953	CT	VALENTIA OBSERVATORY	IRELAND
78720	C	TEGUCIGALPA	HONDURAS	80426	C	VALERA	VENEZUELA
40754	C	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP	08141	C	VALLADOLID	SPAIN
56739	C	TENGCHONG	CHINA	03302	C	VALLEY	U KINGDOM
94238	C	TENNANT CREEK AIRPORT	AUSTRALIA	71892	C	VANCOUVER INTL AIRPORT, B.C.	CANADA
83492	C	TEOFILO OTONI	BRAZIL	01098	C	VARDØ	NORWAY
82578	C	TEREZINA	BRAZIL	15552	C	VARNA	BULGARIA
61202	C	TESSALIT	MALI	83264	C	VERA (GLEBA CELESTE)	BRAZIL
71867	C	THE PAS, MAN.	CANADA	42909	C	VERAVAL	INDIA
16622	C	THESSALONIKI/MIKRA	GREECE	24266	CT	VERHOJANSK	USSR
06011	CT	THORSHAVN	DENMARK & FAROE IS.	16090	C	VERONA/VILLAFRANCA	ITALY
41314	C	THUMRAIT	OMAN	48112	C	VICTORIA POINT	BURMA
94175	C	THURSDAY ISLAND	AUSTRALIA	72255	C	VICTORIA/VICTORIA REG., TX.	USA
60511	C	TIARET	ALGERIA	87791	C	VIEDMA AERO	ARGENTINA
61450	C	TIDJIKJA	MAURITANIA	83208	C	VILHENNA	BRAZIL
61036	C	TILLABERY	NIGER	24641	C	VILJUJSK	USSR

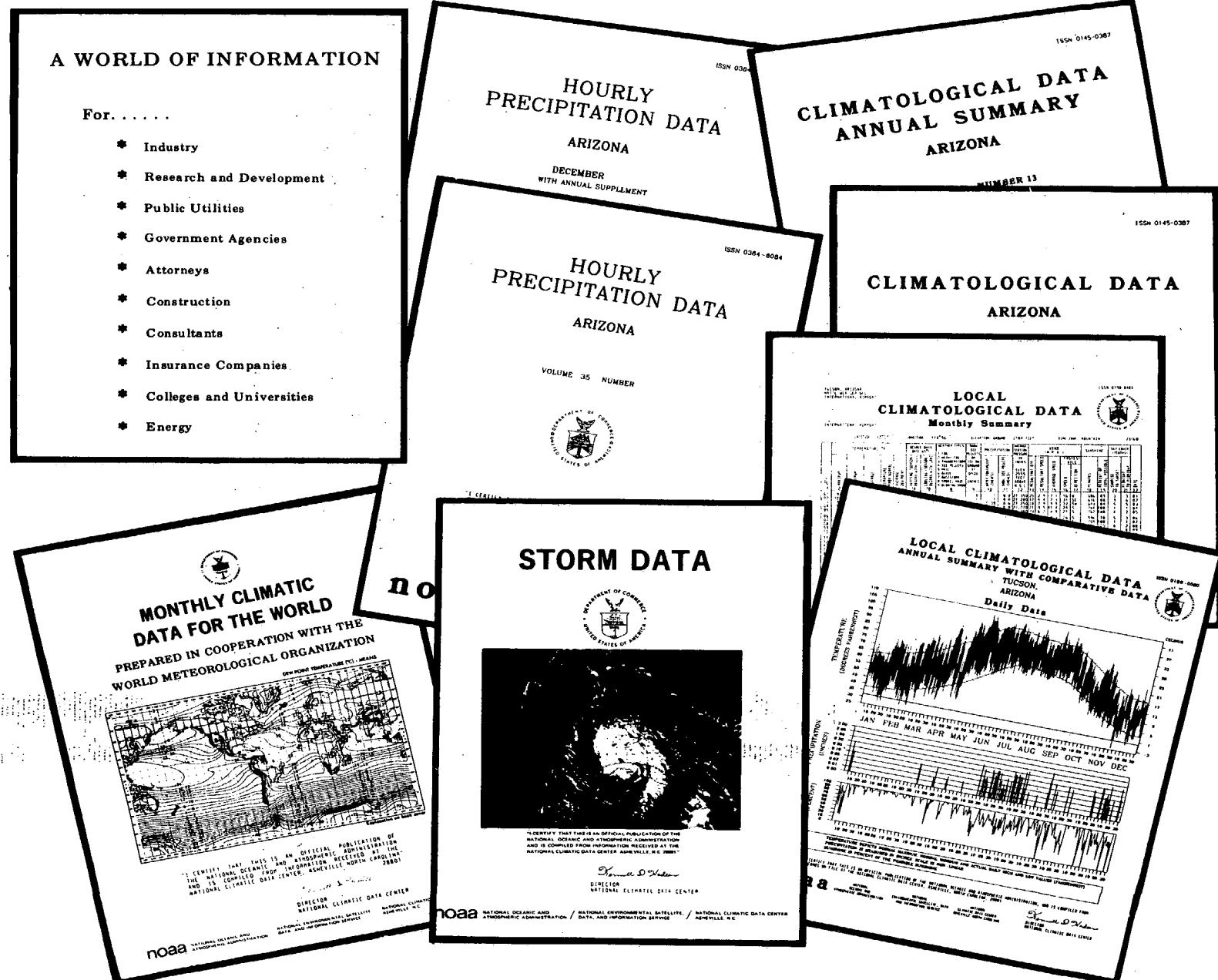
STATION LIST RECENT DATA

60096	C	VILLA CISNEROS	WESTERN SAHARA
87328	C	VILLA DOLORES AERO	ARGENTINA
11212	C	VILLACHERALPE	AUSTRIA
86233	C	VILLARRICA	PARAGUAY
80234	C	VILLAVICENCIO/VANGUARDIA	COLOMBIA
48845	C	VINH	VIET NAM
02590	C	VISBY FLYGPLATS	SWEDEN
43149	C	VISHAKHAPATNAM	INDIA
83648	C	VITORIA	BRAZIL
31960	CT	VLADIVOSTOK	USSR
27037	CT	VOLOGDA	USSR
34122	C	VORONEZ	USSR
22837	C	VYTEGRA	USSR
72256	C	WACO, MADISON-COOPER, TX.	USA
03377	C	WADDINGTON	U KINGDOM
62600	C	WADI HALFA	SUDAN
94910	C	WAGGA AIRPORT	AUSTRALIA
47600	CT	WAJIMA	JAPAN
91245	C	WAKE ISLAND AIRFIELD, WAKE I	USA
47401	CT	WAKKANAI	JAPAN
09170	C	WARNEMUENDE	GERMAN DEM REP
12375	C	WARSZAWA-OKECIE	POLAND
72405	C	WASHINGTON/NAT., VA.	USA
72403	T	WASHINGTON/STERLING, VA.	USA
72203	C	WEST PALM BEACH/INTL, FL.	USA
71964	C	WHITEHORSE, Y.T.	CANADA
72450	C	WICHITA, KS.	USA
61902	T	WIDE AWAKE FIELD (ASCEN.IS)	USA
11035	CT	WIEN/HOHE WARTE	AUSTRIA
72513	C	WILKES-BARRE-SCRANTON, PA.	USA
94776	C	WILLIAMTOWN AERODROME	AUSTRALIA
94299	CT	WILLIS ISLAND	AUSTRALIA
72767	C	WILLISTON/SLOULIN FIELD, ND.	USA
72583	C	WINNEMUCCA/MUN., NV.	USA
71852	C	WINNIPEG INTL AIRPORT, MAN.	CANADA
12497	C	WLODAWA	POLAND
47055	C	WONSAN	DPR KOREA
94659	C	WOOMERA AERODROME	AUSTRALIA
12425	T	WROCLAW I	POLAND
12424	C	WROCLAW II	POLAND
57036	C	XI'AN	CHINA
56571	C	XICHANG	CHINA
72781	C	YAKIMA/YAKIMA AIR TERM., WA.	USA
70361	CT	YAKUTAT, AK.	USA
65563	C	YAMOUSSOUKRO	COTE D'IVOIRE
54292	C	YANJI	CHINA
91413	C	YAP, CAROLINE IS.	USA
57461	C	YICHANG	CHINA
53614	C	YINCHUAN	CHINA
51431	C	YINING	CHINA
47744	CT	YONAGO	JAPAN
72525	C	YOUNGSTOWN, OH.	USA
84425	C	YURIMAGUAS	PERU
13129	C	ZAGREB/GRIC	YUGOSLAVIA
13130	T	ZAGREB/MAKSIMIR	YUGOSLAVIA
98836	C	ZAMBOANGA	PHILIPPINES
81225	C	ZANDERIJ	SURINAME
08160	C	ZARAGOZA/AEROPUERTO	SPAIN
57083	C	ZHENGZHOU	CHINA
57745	C	ZHIJIANG	CHINA
41620	C	ZHOB	PAKISTAN
61695	C	ZIGUINCHOR	SENEGAL
61090	C	ZINDER	NIGER
61404	C	ZOUERATE	MAURITANIA
10961	C	ZUGSPITZE	GERMANY, FED REP
06660	C	ZURICH (TOWN/VILLE)	SWITZ. LIECH.
25400	C	ZYRJANKA	USSR

CLIMATIC DATA STATIONS - WORLDWIDE



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COVER: The cover maps are long term means analyzed on a miller cylindrical projection of the world. They were prepared by U. S. National Climatic Data Center personnel from a variety of sources, including data from Monthly Climatic Data for the World and ship reports exchanged under WMO Res. 35 (Cg-IV). Since it was not possible to select all data for the same years of record, maps do not represent a "Standard Normal" period, but are generally representative of conditions during 1950's to mid-1970's. However, some ship data as early as the 1850's and land data from the 1890's to 1950's were used to help fill data gaps. The appropriate month's analysis will be shown in each issue. Since the scale is small, these maps can be used only for generalizations over large areas. If detailed statistics are needed, summaries of finer resolution should be used.

National Climatic Data Center
January 1990

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